File View Edit Tools Window Help

L1: (20937) voice near3 recogni$
L2: (2475) (voice near3 recogni$) near3 (data or information)
L4: (0) (((voice near3 recogni$) near3 (data or information)) near3 transfer$) near5 human
L5: (14) (((voice near3 recogni$) near3 (data or information)) near3 transfer$) and human
L3: (49) ((voice near3 recogni$) near3 (data or information)) near3 transfer$
L6: (1470) help near3 desk
L7: (210) 1 and 6
L8: (129) ((data or information) near3 transfer$) and 7
L9: (2035) animat$ near3 character
L10: (186) 1 and 9
L11: (11893) interactive and (video near3 display)
L12: (46) 10 and 11
L13: (4) 12 and 6
L14: (6) 12 and seamless
L15: (35) 12 and (problem or trouble or help)

Failed

	U	L	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieva
1	☐	☑	US 6405278 B1	20020611	10	Method for enabling flash memory storage products for	711/103	710/301; 710/305	
2	☐	☑	US 6448965 B1	20020910	4	Voice-controlled immersive virtual reality system	345/419		
3	☐	☑	US 6694367 B1	20040217	17	Communication connectivity initialization and	709/227	707/10; 707/104.1;	
4	☐	☑	US 5117460 A	19920526	9	Voice controlled pager and programming techniques	704/275	340/7.39; 367/198;	
5	☐	☑	US 6543052 B1	20030401	14	Internet shopping system utilizing set top box and	725/60	348/734; 725/25;	
6	☐	☑	US 6879958 B1	20050412	76	Communication apparatus, communication method and	704/275	704/270; 704/276	
7	☐	☑	US 20020065662 A1	20020530	12	Voice recognition peripheral device	704/275		
8	☐	☑	US 6209025 B1	20010327	11	Integrated video system	709/217	725/106; 725/110	
9	☐	☑	US 6330499 B1	20011211	12	System and method for vehicle diagnostics and	701/33	701/32	
10	☐	☑	US 6438545 B1	20020820	64	Semantic user interface	707/6	707/1; 707/10;	
11	☐	☑	US 6611822 B1	20030826	151	System method and article of manufacture for creating	706/11	709/205; 719/320	
12	☐	☑	US 5682469 A	19971028	29	Software platform having a real world interface with	345/473	715/706	
13	☐	☑	US 5689618 A	19971119	66	Advanced tools for speech synchronized animation	704/276	345/473; 345/502;	
14	☐	☑	US 6067095 A	20000523	24	Method for generating mouth features of an animated or	345/473	345/474; 345/672;	

Hits Details HTML

Ready

Text search
11/9/05

File View Edit Tools Window Help

- Drafts
- Pending
- Active
  - L1: (20937) voice near3 recogni$
  - L2: (2475) (voice near3 recogni$) near3 (data or information)
  - L4: (0) (((voice near3 recogni$) near3 (data or information)) near3 transfer$) near5 human
  - L5: (14) (((voice near3 recogni$) near3 (data or information)) near3 transfer$) and human
  - L3: (49) (((voice near3 recogni$) near3 (data or information)) near3 transfer$)
- Failed
- Saved
- Favorites
- Tagged (7)
- UDC
- Queue
- Trash

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieva
1		☑	US 6405278 B1	20020611	10	Method for enabling flash memory storage products for	711/103	710/301; 710/305	
2		☑	US 6448965 B1	20020910	4	Voice-controlled immersive virtual reality system	345/419		
3		☑	US 6694367 B1	20040217	17	Communication connectivity initialization and	709/227	707/10; 707/104.1;	
4		☑	US 5117460 A	19920526	9	Voice controlled pager and programming techniques	704/275	340/7.39; 367/198;	
5		☑	US 6543052 B1	20030401	14	Internet shopping system utilizing set top box and	725/60	348/734; 725/110;	
6		☑	US 6879958 B1	20050412	76	Communication apparatus, communication method and	704/275	704/270; 704/276	
7		☑	US 20020065662 A1	20020530	12	Voice recognition peripheral device	704/275		

Hits Details HTML

Ready   NUM

File View Edit Tools Window Help

⊖ Pending
⊖ Active
  L1: (20937) voice near3 recogni$
  L2: (2475) (voice near3 recogni$) near3 (data or information)
  L4: (0) (((voice near3 recogni$) near3 (data or information)) near3 transfer$) near5 human
  L5: (14) (((voice near3 recogni$) near3 (data or information)) near3 transfer$) and human
  L3: (49) (((voice near3 recogni$) near3 (data or information)) near3 transfer$
  L6: (1470) help near3 desk
  L7: (210) 1 and 6
  L8: (129) ((data or information) near3 transfer$) and 7
  L9: (2035) animat$ near3 character
  L10: (186) 1 and 9
  L11: (11893) interactive and (video near3 display)
  L12: (46) 10 and 11
  L13: (4) 12 and 6
  L14: (6) 12 and seamless
  L15: (35) 12 and (problem or trouble or help)
  L16: (0) (help near3 desk) near6 seamless
  L17: (314) (help near3 desk) and seamless
  L18: (3) (help near3 desk) same seamless
  L19: (121) (help near3 desk) same transaction
  L21: (0) 1 same 19
  L20: (43) 1 and 19
  L22: (6) (help near6 seamless) and 1
  L23: (8) (help with seamless) and 1
  L24: (2) 23 not 22
  L25: (14) (help same seamless) and 1
  L26: (6) 25 not 23
⊖ Failed
  ((data or information) near3 transfer$) near3 7
 Saved
 Favorites
 Tagged (14)
 UDC
 Queue
 Trash

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retriev
1	☐	☐	US 20050004838 A1	20050106	1251	Internet-based brand management and marketing	705/14		
2	☐	☐	US 20030028513 A1	20030206	10	System and method for providing help services	707/1		
3	☐	☐	US 20020151283 A1	20021017	21	Coordinating images displayed on devices with	455/575.1	455/566	
4	☐	☐	US 20010056434 A1	20011227	32	Systems, methods and computer program products	707/104.1	709/219	
5			US 6678717 B1	20040113	18	Method, product, and	709/203	709/217	

Ready

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher or cc*

Karen Lehman, EIC 3600 Team Leader
306-5783, PK5- Suite 804

11/9/05

Voluntary Results Feedback Form

- ➢ *I am an examiner in Workgroup:* [　　　]   *Example: 3620 (optional)*

- ➢ *Relevant prior art* **found***, search results used as follows:*

  - [☑] 102 rejection
  - [ ] 103 rejection
  - [☑] Cited as being of interest.
  - [☑] Helped examiner better understand the invention.
  - [ ] Helped examiner better understand the state of the art in their technol(

  Types of relevant prior art found:
  - [ ] Foreign Patent(s)
  - [ ] Non-Patent Literature
    (journal articles, conference proceedings, new product announcements etc.)

- ➢ *Relevant prior art* **not found***:*

  - [ ] Results verified the lack of relevant prior art (helped determine patentability).
  - [ ] Results were not useful in determining patentability or understanding the inve

Comments:

sira
Search and Information
Resources Administration

US-PAT-NO: **6448965**

DOCUMENT-IDENTIFIER: US 6448965 B1

TITLE: ·   Voice-controlled immersive virtual reality system

---------- KWIC ---------

US Patent No. - PN (1):
6448965

Detailed Description Text - DETX (2):
   As explained above, an aspect of the invention is the integration of **voice communication (input, recognition, data transfer,** output) with the three-dimensional display to create a dynamic and interactive environment. In achieving this result, three independent modules can be used: a visual display or visualization module (described above); a voice recognition module, and a communication module which couples and facilitates integration of the visualization and voice recognition means, e.g., by transferring voice input from the voice recognition module to the display module. The visual display or visualization module is comprised of computing and processing means, synchronization signal generator means, viewer and signal emitter means, and projector and display means, each which are described above.

Detailed Description Text - DETX (8):
   Once a voice command is inputted into the **voice recognition module, translated into a data string, it can be transferred** to the visualization software, which can receive the input and respond appropriately. The system can be designed to recognize specific commands (voice mandamus). Transfer of the information can be achieved in various ways including, TCP/IP, PVM, or internally when the voice and visualization display modules are operating on the same processor.

US-PAT-NO: **6694367**

DOCUMENT-IDENTIFIER: US 6694367 B1
See image for Certificate of Correction

TITLE: Communication connectivity initialization and
                verification system and method of use

---------- KWIC ---------

US Patent No. - PN (1):
6694367

Detailed Description Text - DETX (23):
    The communication link can include a network of interconnected server nodes,
and the subscribing station computer includes a browser program to connect the
subscriber station to the network of interconnected server nodes to transfer
data from the subscribing stations to the on-line center. The communications
link can also include a telephone, telephone network, and an interactive **voice
recognition server to transfer data** between the subscribing station and the
on-line center, and can be done remotely from the on-line center or the
subscribing station. As previously described, the subscribing station can
include a server and the network system can include a number of medical image
scanners connected to the server to relay data to and from the on-line center.
In one embodiment, the server is a workstation of a medical image scanner
arranged to perform both the function of a server and the function of a
scanner. If the in-field product is configured to initiate a return call to
the on-line center, the configuration file causes the in-field product to make
a call back within a predetermined time period after the link to the
communication interface is severed.

Claims Text - CLTX (6):
    6. The system of claim 1 wherein the communications link comprises a
telephone, telephone network, and an interactive **voice recognition server to
transfer data** between the subscribing station and the on-line center.

US-PAT-NO: <u>6405278</u>

DOCUMENT-IDENTIFIER: US 6405278 B1

TITLE: Method for enabling flash memory storage products for wireless communication

---------- KWIC ---------

US Patent No. - PN (1):
<u>6405278</u>

Detailed Description Text - DETX (12):
As the previous examples illustrate, a user can initiate a transmission (or "transfer") of data from FLERF card 202 to a storage device 302 via RF 250 in a preferred embodiment. The FLERF card 202 can be implemented in a variety of different ways to allow a user to initiate such data transfer. For example, in one implementation of FLERF card 202 a microswitch 212 is provided on the outside edge of FLERF card 202, which a user can depress without being required to remove the card from host device 100. Alternatively, host device 100 can include a mechanism, such as a button, that allows a user to initiate such a data transfer. Although, at least initially, it is preferable to have a mechanism for initiating a data transfer located on the FLERF card 202 to allow compatibility of the FLERF card 202 with existing host devices 100. In another implementation, FLERF card 202 automatically initiates an attempt to transfer to the storage device when full. In yet another implementation, FLERF card 202 senses when the "flash door" is opened, either optically or mechanically, and initiates a data transfer. In still another implementation, FLERF card 202 comprises a sound sensor or sound recognition device, such that the FLERF card initiates a <u>data transfer upon recognizing a particular sound, such as a voice</u> command, snap of a finger or other sound. It should be understood that the FLERF card 202 may be implemented to initiate such data transfer in a variety of ways, and any such implementation is intended to be within the scope of the present invention.

US-PAT-NO: 6405278

DOCUMENT-IDENTIFIER: US 6405278 B1

TITLE: Method for enabling flash memory storage products for
               wireless communication

---------- KWIC ---------

Detailed Description Text - DETX (12):
  As the previous examples illustrate, a user can initiate a transmission (or
"transfer") of data from FLERF card 202 to a storage device 302 via RF 250 in a
preferred embodiment. The FLERF card 202 can be implemented in a variety of
different ways to allow a user to initiate such data transfer. For example, in
one implementation of FLERF card 202 a microswitch 212 is provided on the
outside edge of FLERF card 202, which a user can depress without being required
to remove the card from host device 100. Alternatively, host device 100 can
include a mechanism, such as a button, that allows a user to initiate such a
data transfer. Although, at least initially, it is preferable to have a
mechanism for initiating a data transfer located on the FLERF card 202 to allow
compatibility of the FLERF card 202 with existing host devices 100. In another
implementation, FLERF card 202 automatically initiates an attempt to transfer
to the storage device when full. In yet another implementation, FLERF card 202
senses when the "flash door" is opened, either optically or mechanically, and
initiates a data transfer. In still another implementation, FLERF card 202
comprises a sound sensor or sound recognition device, such that the FLERF card
initiates a **data transfer upon recognizing a particular sound, such as a voice**
command, snap of a finger or other sound. It should be understood that the
FLERF card 202 may be implemented to initiate such data transfer in a variety
of ways, and any such implementation is intended to be within the scope of the
present invention.

Detailed Description Text - DETX (30):
  It should be further understood that in a preferred embodiment, data may be
transferred from one FLERF to another FLERF transfer, or from one extended
storage device to another extended storage device. For example, suppose a
preferred embodiment of a FLERF card is utilized within a camera by person X to
take pictures. Further suppose that another person (Y) desires to have some or
all of the pictures that person X has taken. The image data may be transmitted
from the FLERF in person X's camera to a FLERF or other storage device owned by
person Y. Accordingly, person Y would not have to wait until the pictures get
"developed" and sent. Rather, person Y may receive them almost
instantaneously. In one embodiment a "broadcast mode" may even allow the FLERF
card to transmit such image data from one FLERF to multiple extended storage
devices, such as other FLERF cards. For example, one photograph may be taken
of a group and transferred to all members of the group so that they all get the
same photograph. In a preferred embodiment, data can be transmitted directly

from one FLERF card to another FLERF card. However, in alternative embodiments, a user may have to complete a FLERF/FLERF transfer by transmitting data through other storage devices that include the needed **human** interface features to enable such transfer.

STIC EIC 3600
Search Request Form

(54)   1/11/98

Today's Date:	Class/Subclass	What date would you like to use to limit the search?
11/9/05	705/16	Priority Date: 9/8/2000 Other:

Name Michael Cuff

AU 3627   Examiner # 74494

Room # KNX-5D29   Phone 2-6778

Serial # 09/657,719

Format for Search Results (Circle One):

(PAPER)   DISK   EMAIL

Where have you searched so far?

(USP) DWPI   EPO   JPO   ACM   IBM TDB

IEEE   INSPEC   SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One)   YES   (NO)
A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at http://ptoweb/patents/stic/stic-tc3600.htm. *Full business methods template search, please*

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Claim 54 method for

Claim 1 - Main feature is a human-controlled response system that works with a POS system such that ~~xxx~~ control of transaction processing can be returned to said AI system during the transaction.

Claim 55 method for

Claim 20 - main feature, recording verbal instructions at an automated POS. If there is a problem in the automation, transferring the recorded verbal instructions to a human for intervention.

Claim 53 - main feature, automated POS communicating with a customer via an animated character. If a human must intervene, the human continues to communicate via the same animated character.

STIC Searcher _____   Phone _____

Date picked up _____   Date Completed _____

STIC Search Report
EIC 3600

TO: Michael Cuff
Location: 5D29
Art Unit : 3627

Case Serial Number: 09/657719

From: Bode Akintola
Location: EIC 3600
KNX 4 B 59
Phone: 571-272-3514

Olabode.akintola@uspto.gov

Search Notes

Examiner Michael,

Please find enclosed the results of your search request.

If you need a refocus, please feel free to contact me.

Thanks,

Bode

```
Set     Items   Description
S1      152043  AI OR ARTIFICIAL()INTELLIGEN?
S2      1863021 POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR
                CHECK()OUT?
S3      6241215 HUMAN?
S4      9532081 VERBAL? OR SPEAK? OR TALK?
S5      60645   S3(3N)(INTERACT? OR INTERVEN?)
S6      484     S2(S)S5
S7      4       S6(S)S1
S8      11513   S1(S)S3
S9      45      S8(S)S2
S10     47      S7 OR S9
S11     21      S10 NOT PY>2000
S12     18      RD (unique items)
File    9:Business & Industry(R) Jul/1994-2005/Nov 15
        (c) 2005  The Gale Group
File   15:ABI/Inform(R) 1971-2005/Nov 16
        (c) 2005 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2005/Nov 16
        (c) 2005 The Gale Group
File  148:Gale Group Trade & Industry DB 1976-2005/Nov 16
        (c)2005 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2005/Nov 15
        (c) 2005 The Gale Group
File  621:Gale Group New Prod.Annou.(R) 1985-2005/Nov 16
        (c) 2005 The Gale Group
File  636:Gale Group Newsletter DB(TM) 1987-2005/Nov 16
        (c) 2005 The Gale Group
File   20:Dialog Global Reporter 1997-2005/Nov 16
        (c) 2005 Dialog
File  476:Financial Times Fulltext 1982-2005/Nov 17
        (c) 2005 Financial Times Ltd
File  610:Business Wire 1999-2005/Nov 16
        (c) 2005 Business Wire.
File  613:PR Newswire 1999-2005/Nov 16
        (c) 2005 PR Newswire Association Inc
File  624:McGraw-Hill Publications 1985-2005/Nov 16
        (c) 2005 McGraw-Hill Co. Inc
File  634:San Jose Mercury  Jun 1985-2005/Nov 15
        (c) 2005 San Jose Mercury News
File  810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File  813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
```

12/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

01046110 Supplier Number: 23573546   (USE FORMAT 7 OR 9 FOR FULLTEXT)
HELP DESK SOFTWARE
(**Help desk software market predicted to rapidly grow; Americans will make
  200 mil help desk calls in 1996, up from 120 mil in 1995, costing PC
  suppliers alone nearly $4 bil**)
Computer Business Review, v 4, n 7, p N/A
July 01, 1996
DOCUMENT TYPE: Journal ISSN: 1350-4665 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3065

TEXT:
...the least sophisticated computer games player. The majority of problems
are solved quickly and without **human** **intervention** , the company says.
Over at Xerox Corp, photocopier sales and support staff tend to face...

...printer engineers; staff at Sainsbury's superstores have access to an
intelligent online database of **point** -of- **sale** equipment problems; users
of IBM's OS/2 operating systems get a CD-ROM which...

...information technology industry's most heavily criticised (and
expensive) institutions: the help desk. The Web, **artificial**
intelligence , agent technology, and close integration with call-systems
and systems management software are being combined...

12/3,K/2   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01996307 51134760
The ultimate online sales tool: No humans
Trembly, Ara C
National Underwriter v104n9 PP: 15, 20 Feb 28, 2000
ISSN: 0893-8202 JRNL CODE: NUD
WORD COUNT: 1236

ABSTRACT: Insurance agents and brokers have to face a new technology that
promises to remove **humans** entirely from the insurance sales process. The
technology is an expert system, sometimes called **artificial** **intelligence**
- a computer program that contains a database of **human** expertise on a
certain topic and a set of rules that infer new facts from knowledge and
from incoming data. NaviSys announced that it has created such a system,
NaviSys **Point** of **Sale** Underwriting (POSU). POSU, which went through 4
months of beta testing, is now being marketed...

12/3,K/3   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01851311 05-02303
Computers at your service
Buderi, Robert
Upside v11n7 PP: 152 Jul 1999
ISSN: 1052-0341 JRNL CODE: UPS

WORD COUNT: 698

...TEXT: was to augment human intelligence. Now Cheyer, a 32-year-old whiz in SRI's **Artificial Intelligence** Center, is bringing that dream closer to reality If his work pans out, you can...

...send an e-mail but don't know the recipients address? No problem. Need to **check** out hotels for a trip to San Francisco? The computer maps out everything on your screen...

...and abilities. "[We want to find] new ways of 'tasking' communities of applications, where the **human** walks up to the computer and says, 'This is what I want to do. I...

12/3,K/4 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01283233 99-32629
POS mortgage sourcing
Hillman, Michael R
America's Community Banker v5n7 PP: 6-7 Jul 1996
ISSN: 1082-7919 JRNL CODE: SLN
WORD COUNT: 1642

...TEXT: then you will see that there will always be a need for the involvement of **human** as well as **artificial intelligence** in the underwriting process. Ideally, the automated underwriting system provides the basis for automatic **POS** approvals while the **human** underwriter provides the basis for manual on-the-spot approvals.

Loan Prospector has been extraordinarily...

12/3,K/5 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00492275 90-18032
AI's "Me" Generation
Snyder, Christy
Banking Software Review v14n3 PP: 41-47 Autumn 1989
ISSN: 0892-6778 JRNL CODE: IBI

ABSTRACT: The most alluring use of **artificial intelligence** (**AI**) technology in the financial services industry has been the development of expert systems. Several expert...

...to improve the effectiveness of sales, loan prequalifications, and other risk management decisions at the **point** of **sale** . While this firm has focused on simplifying the rule-writing process as a means to...

...networks, via a technique known as neurocomputing. The potential of an expert system to replace **humans** in financial institutions depends largely on the application. ...

12/3,K/6 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01716770   Supplier Number: 42142925   (USE FORMAT 7 FOR FULLTEXT)
IT LEADS AMEX'S GLOBAL CHARGE
InformationWeek, p46
June 10, 1991
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 391

...   Co.
     As an example, Robinson explained that Amex, which owns one of the
most extensive **point** -of- **sale** networks in the financial services
industry, does not have a preset spending limit for its...

...member uses the card--about 2.5 million times a day. The company created
an **artificial   intelligence** software program to authorize more than 7
million separate transactions a day within a seven-second period. If
necessary, the network presents additional member information for a **human**
authorizer to review.
     Robinson also lobbied for users to become more active in the
international...

 12/3,K/7   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09234185   SUPPLIER NUMBER: 19064924   (USE FORMAT 7 OR 9 FOR FULL TEXT)
THE DIGERATI - CONVERSATIONS WITH THE "CYBER ELITE".
Computergram International, n3088, pCGN01290020
Jan 29, 1997
ISSN: 0268-716X   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 984   LINE COUNT: 00078

...   Gelernter, 'The Conservative,' a Yale University computer scientist
specialising in the field of third generation **artificial   intelligence**
and author of the parallel programming language Linda. "I have a feeling
that Bill Gates...

 12/3,K/8   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06137125   SUPPLIER NUMBER: 12686380   (USE FORMAT 7 OR 9 FOR FULL TEXT)
ADVANCED INFORMATION TECHNOLOGY TARGETS CREDIT CARD FRAUD, MORTGAGE
  INSURANCE UNDERWRITING
PR Newswire, 1022A3906
Oct 22, 1992
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 502   LINE COUNT: 00042

...   processes believed to go on in the human brain. The advanced
information technology will permit **point** -of- **sale** screening of credit
card purchases for abnormalities that might tip off a fraudulent
transaction.
     The...

12/3,K/9   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05273243   SUPPLIER NUMBER: 11284037
Measured response: Do emotions have shapes you can see and then reproduce?
   Manfred Clynes's 'Sentograf' finds distinct patterns in music as well as
   life; constructing a new giggle. (emotional patterns are reproduced using
   a microcomputer)
Smith, Timothy K.
Wall Street Journal , Mon ed, col 1, pA1(W) pA1(E)
Sept 23, 1991
CODEN: WSJOAF   ISSN: 0193-2241   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: emotions have shapes that can be reproduced using a computer.
Marvin Minsky, the artificial intelligence (**AI**) researcher, considers
Clynes's work to be both serious and significant. According to Minsky, **AI**
is not moving forward because emotions are not yet understood as varieties
of knowledge. If...

...as it was meant to be played. Clynes uses a device, which he invented,
to **register** and measure inner states of people listening to music or
contemplating different emotions. Clynes calls...

12/3,K/10   (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01710585
Travelers launches first integration of expert systems, interactive video.
NEWS RELEASE   May 22, 1987   p. 11

    ... the two technologies, the application allows Travelers' 10,000
Hartford employees to use interactive video **kiosks** to access the W-4
expert system. By entering some basic income information on a touch-screen
computer **kiosk** , employees can receive -- in a matter of seconds -- an
estimate of the number of exemptions they should take on their 1987
withholding forms. Expert systems, which constitute a branch of **artificial**
   intelligence , are computer programs that can perform some of the
decision-making processes of **human** experts in certain areas. Travelers
has been developing **artificial**   **intelligence** applications for nearly
three years. Travelers' interactive video program, called "In Touch," gives
employees a...

12/3,K/11   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01260737   SUPPLIER NUMBER: 07105775   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Information, please. (one of four articles in special section: The
   Information Machine)(includes related articles on differences between
   data for analysis and for presentation, and decision tree analysis)
Zilber, Jon
MacUser, v4, n12, p94(11)
Dec, 1988
ISSN: 0884-0997   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5535   LINE COUNT: 00428

...   get some use out of it. Many of the latest languages and tools for
applying **artificial   intelligence** to your data are now available on the
Mac. The most accessible of these are geared towards developing expert
systems. An expert system is a program that observes how a **human** expert
responds to a series of situations and that attempts to extrapolate and
generalize rules from those responses that it can apply when the **human**
expert hands over the reins. Dan Shafer's article on expert systems surveys
the state...

...packages for developing expert systems on the Mac. If none of these fit
the bill, **check   out** Dan Rasmus's article on other tools of **artificial
 intelligence** .
      A wide variety of other tools are available for analyzing data. Many
of these require...

12/3,K/12   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02417998   Supplier Number: 44802697   (USE FORMAT 7 FOR FULLTEXT)
REPORTS - AMERICAN EXPRESS 'FAKES' ITS INTELLIGENCE
Financial Technology Insight, pN/A
July, 1994
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 309

    (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...effort to speed up the transaction process while improving accuracy,
American Express has tempered the **human** intelligence in its credit
authorization with **artificial   intelligence** , to create 'authorization
assistants' that perform over 95% of the authorizations. American Express
has claimed...

...processed in seconds rather than minutes", said Bill Moss, a
spokesperson for American Express. Previously, **human** authorizers would
have to call the sales person to verify the purchase, and search many...

...manual for the correct procedure. While Moss would not reveal terminal
specifics of the proprietary **artificial   intelligence** , he said that the
assistant looks at approximately 1000 factors in a matter of seconds from
the time the card is run through the **point of sale** terminal. Some
details the assistant checks are exposure on the account, where the charge
is...

...thousands of dollars, the assistant will recognize something unusual and
transfer the charge to a **human** authorizer." Moss said that the transfer
of authorization occurs less than 5% of the time...

12/3,K/13   (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

14077421 (USE FORMAT 7 OR 9 FOR FULLTEXT)
AMNESTY INTERNATIONAL: CAMEROON CONDONED KILLINGS THROUGH SILENCE
SAPA (SOUTH AFRICAN PRESS ASSOCIATION)

December 04, 2000
JOURNAL CODE: WSAP   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 496

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

...   consider dismantling special forces to combat banditry, as these
forces had been accused of numerous **human** rights abuses", to "carry out
energetic investigations into all allegations of **human** rights violations
and torture", and to "maintain scrupulously a publicly accessible **register**
of detainees," **AI** said.
    AI said the government response to date was inadequate with a
government minister saying...

 12/3,K/14   **(Item 2 from file: 20)**
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

10190881
**Camden Technology Conference 2000 To Host Discussion of Technology's Impact
    on Being Human**
PR NEWSWIRE
March 22, 2000
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 300

    ... 27-29, 2000 Where: Camden Opera House; Camden, Maine How: Call
(207) 230-2425 to **register** . The registration rate for the three-day
conference is $995 with an early bird rate...

 12/3,K/15   **(Item 3 from file: 20)**
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

08940586   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Contra Costa Times, Walnut Creek, Calif., Computer Column
Yael Li-Ron
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CONTRA COSTA TIMES - WALNUT
CREEK, CALIFORNIA)
January 02, 2000
JOURNAL CODE: KCCT   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 604

  (USE FORMAT 7 OR 9 FOR FULLTEXT)

...   and reason like humans -- taking over and turning on their makers.
For less fictitious writing, **check** **out** the site http://nanozine.com/.
    And if you're a skeptic, more power to you...

 12/3,K/16   **(Item 4 from file: 20)**
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

07332394   (USE FORMAT 7 OR 9 FOR FULLTEXT)
EYE ON NORTH ASIA: AI in the real world
ASIA COMPUTER WEEKLY
September 13, 1999

JOURNAL CODE: FACW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 867

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...   in Germany, Check Out Touristik, together with TecInno, combined
the convenience of Web computing with **human** -like knowledge of travel
planning using an **AI** technique called case-based reasoning (CBR). The
application is part of a Virtual Travel Agency...

12/3,K/17   (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

06966602
OILWORKERS TO CONTRIBUTE ONE-DAY SALARY TO A QUAKE SURVIVORS FUND
ASSA-IRADA
August 25, 1999
JOURNAL CODE: WASI   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 136

...dispatched to Batumi 1,000 tons of L-62 diesel and 1,000 tons of
AI -92 gasoline for Turkey, whence it will be collected by Tur- kish
vessels and deliver to the affected zones. SOCAR leaders have issued an
instruction to **register** the fuel on domestic prices on the account of
SOCAR's debt to the state budget. The State Customs Committee has been
suggested not to tax the **humanitarian** consignment, M. Mirzayev said.*

12/3,K/18   (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0579431
House Appropriations unit markup of FY '95 NASA request
Aerospace Daily, Vol. 170, No. 52, Pg 412
June 14, 1994
JOURNAL CODE: ASD
ISSN: 0193-4546
WORD COUNT: 66

TABLE:
...Enacted to Date , Budget Estimate   dation   Budget Estimate

   14050 National Aeronautics and Space Administration

   14100 **Human** space flight   5,719,900,000 5,592,900,000 -127,000,0
00
   Reduction of...

...bay cables with fiber
      optic cables.
   -- eliminate launch site equipment program funds for upgrading the
      checkout , control, and monitoring system for shuttle processing.

   Payload and utilization operations
   -- program reduction commensurate with...

...initiative's operations technology program by $2,000,000
    to continue the software reverse and   **artificial**   **intelligence**
program
    in cooperation with other federal agencies.

   14250 Research and
   development   7,549,300,000...
?

```
Set      Items    Description
S1       65447    (DECISION OR PERFORMANCE)()SUPPORT()SYSTEM? OR DSS OR EPSS
                  OR EXPERT()SYTEM? OR AI OR ARTIFICIAL()INTELLIGEN?
S2      122571    POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR
                  CHECK()OUT?
S3      307840    HUMAN?
S4      124948    VERBAL? OR SPEAK? OR TALK?
S5     1172818    CONSUMER? OR USER? OR BUYER? OR PARTICIPANT? OR CUSTOMER? -
                  OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR PERSON?
S6        2682    S1(S)S3
S7          38    S6(S)S2
S8          41    S6(S)S4
S9         245    S6(12N)S5
S10         26    S9(S)(S2 OR S4)
S11         78    S10 OR S7 OR S8
S12         10    S11 AND IC=G06F-017/60
? show file
File 348:EUROPEAN PATENTS 1978-2005/Nov W01
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051110,UT=20051103
         (c) 2005 WIPO/Univentio
```

01930027
Secure transaction management
Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung
Procede et dispositif de gestion de transactions securisees
PATENT ASSIGNEE:
  Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale,
    CA 94085, (US), (Applicant designated States: all)
INVENTOR:
  Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
  Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
  Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
  Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, CA 94086, (US)
LEGAL REPRESENTATIVE:
  Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn,
    London WC1V 6BX, (GB)
PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)
APPLICATION (CC, No, Date):   EP 2005075672 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS: G06F-001/00; **G06F-017/60**
ABSTRACT WORD COUNT: 147
NOTE:
  Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total word count - document A			195030
Total word count - document B			0
Total word count - documents A + B			195030

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION a process. This process can be interactive and the VDE
  agreement formulation process may employ **artificial   intelligence**
  expert system technology that learns from responses and, where
  appropriate and based at least in...The API 682 may also service RPC
  requests by passing them to applications 608 that **register** to receive
  and process specific requests.
    API 682 provides an "Applications Programming Interface" that is...the
  new object to object repository 687, and the user or the electronic
  appliance may " **register** " the new object by including appropriate
  information within secure database 610.

  Communications Subsystem 776
    Communications...

...e.g., method data and local stack), and swapped process "context"
  information (e.g., the **register** set for the process when it is not
  processing). Figure 14C shows an example of...is used by VDE
  administrators and/or distributors for overall budget. A VDE

administrator may **register** for event summaries and an overall budget summary at the time an electronic appliance 600...

...the case of corruption of secure management files 610. Participants that receive appropriate permissions can **register** their processes (e.g., specific budgets) with summary services manager 560, which may then reserve...Services 592
   Other authorized RPC services may be included in SPU 500 by having them " **register** " themselves in the RPC Services Table and adding their entries to the RPC Dispatch Table...

 12/3,K/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01898247
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten
Systemes et procedes pour gerer des transactions securisees et pour proteger des droits electroniques
PATENT ASSIGNEE:
  Intertrust Technologies Corp., (2434320), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)
INVENTOR:
  Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)
  Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)
  Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)
  Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)
LEGAL REPRESENTATIVE:
  Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 1531379 A2 050518 (Basic)
APPLICATION (CC, No, Date):   EP 2004078195 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS: G06F-001/00; **G06F-017/60**
ABSTRACT WORD COUNT: 151
NOTE:
  Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   200520   173
     SPEC A   (English)   200520   167172
Total word count - document A   167345
Total word count - document B   0
Total word count - documents A + B   167345

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION to the electronic world. VDE's transaction management capabilities can enforce:

(1) privacy rights of **users** related to information regarding their
usage of electronic information and/or appliances,
(2) societal policy...

12/3,K/3   (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01888484
**Systems and methods for secure transaction management and electronic rights
protection**
**Systeme   und   Verfahren   zur   gesicherten   Transaktionsverwaltung   und
elektronischem Rechtsschutz**
**Systemes et procedes de gestion de transactions securisees et de protection
de droits electroniques**
PATENT ASSIGNEE:
  ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway,
    Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)
INVENTOR:
  Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)
  Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)
  Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530,
    (US)
  Van Wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)
LEGAL REPRESENTATIVE:
  Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,
    London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)
APPLICATION (CC, No, Date):   EP 2004078254 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS: **G06F-017/60** ; G06F-009/46
ABSTRACT WORD COUNT: 151
NOTE:
  Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200517	355
SPEC A	(English)	200517	167222
Total word count - document A			167577
Total word count - document B			0
Total word count - documents A + B			167577

INTERNATIONAL PATENT CLASS: **G06F-017/60** ...

...SPECIFICATION have been stored and correspond to said methods and/or
  assemblies. This feature preferably employs **artificial   intelligence**
  capabilities to analyze and automatically determine, and/or assist one or
  more **users** to determine, the proper order and relationship between the
  library elements corresponding to the chosen...

...a process. This process can be interactive and the VDE agreement
  formulation process may employ **artificial   intelligence** expert system
  technology that learns from responses and, where appropriate and based at

least in...

12/3,K/4   (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01869029
Systems and methods for secure transaction management and electronic rights
      protection
Systeme   und   Verfahren   zur   gesicherten   Transaktionsverwaltung   und
      elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection
      de droits electroniques
PATENT ASSIGNEE:
  ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway,
     Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)
INVENTOR:
  Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)
  Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)
  Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530,
     (US)
  Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)
LEGAL REPRESENTATIVE:
  Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,
     London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date):   EP 1515216   A2   050316 (Basic)
                               EP 1515216   A3   050323
APPLICATION (CC, No, Date):   EP 2004078194 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS: G06F-001/00; **G06F-017/60**
ABSTRACT WORD COUNT: 144
NOTE:
  Figure number on first page: 75C

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200511	276
SPEC A	(English)	200511	167210
Total word count - document A			167486
Total word count - document B			0
Total word count - documents A + B			167486

...INTERNATIONAL PATENT CLASS: **G06F-017/60**
...SPECIFICATION a process. This process can be interactive and the VDE
  agreement formulation process may employ **artificial   intelligence**
  expert system technology that learns from responses and, where
  appropriate and based at least in...is used by VDE administrators and/or
  distributors for overall budget. A VDE administrator may **register** for
  event summaries and an overall budget summary at the time an electronic
  appliance 600...

...the case of corruption of secure management files 610. Participants that
  receive appropriate permissions can **register** their processes (e.g.,
  specific budgets) with summary services manager 560, which may then

reserve...Services 592
    Other authorized RPC services may be included in SPU 500 by having them
    " register0 " themselves in the RPC Services Table and adding their
    entries to the RPC Dispatch Table...

    12/3,K/5   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01049125   **Image available**
CLAIMS CLINICAL CODE EDITING AND PROCEDURE MANAGEMENT TOOL
MISE EN FORME DE CODES CLINIQUES DE REVENDICATIONS ET OUTIL DE GESTION DE
    PROCEDURE
Patent Applicant/Assignee:
  THE REGENCE GROUP, Mail Stop S515, P.O.Box 21267, Seattle, WA 98111-3267,
    US, US (Residence), US (Nationality)
Inventor(s):
  HASKEY Robert S M D, 1620 Dexter Ave. North, Apt. #401, Seattle, WA 98109
    , US,
  MAYHUGH Ted R, 13455 S.W. Genesis Loop, Tigard, OR 97223, US,
  RASMUSSEN Dale K, 82 N. County Way, Fruit Heights, UT 84037, US,
  TURNER Sheryl D, P.O.Box 236, Forest Grove, OR 97116, US,
  KENYON Diane P, 3000 Delaney Rd. S.E., Turner, OR 97392, US,
  BANN Rebecca L, 3216 7th Street, Lewiston, ID 83501, US,
  SCHULZ Patricia A, 20520 S.W. Suncrest Drive, West Linn, OR 97068, US,
  BOGEN Bonita K, 722 Milwaukee Drive, Port Angeles, WA 98363, US,
  AGUILA Hope C, 4522 NE 21st Place, Renton, WA 98059, US,
  RUSCHE John M D, 1405 27th Avenue, Lewiston, ID 83501, US,
  QUESENBERRY Gina G, 1222 Bighorn Dr., Lewiston, ID 83501, US,
  PANATTONI Marcia J, 1201 Harcourt Dr., Boise, ID 83702, US,
Legal Representative:
  SMITH Michael S (agent), Black, Lowe & Graham, PLLC, 816 Second Avenue,
    Seattle, WA 98104, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200379142 A2-A3 20030925 (WO 0379142)
  Application: WO 2003US5376 20030221 (PCT/WO US03005376)
  Priority Application: US 2002358768 20020222; US 2002380407 20020513
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK
  SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI
  SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6676
Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Claims

Claim
... well as private sector of the healthcare industry through the waste of
  funds, time and **human** resources. Further compounding the situation is
  the fact that the **person** submitting the encoded translation of a

clinical service to a ...Procedural Terminology (CPT), Correct Coding
Initiative (CCI), and administrative rules as found in the Federal
Register . 3 The clinical coding rules are optionally and preferably
farther based on CPT Assistant from...employed by the insurers.
Specifically, for example, in various ways certain of such products use
artificial   intelligence and statistical analysis to evaluate claim
rejections and reductions in an effort to "de-crypt...

12/3,K/6   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00996775
**MATCHING AND ASSISTING A BUYER AND A VENDOR FROM AN INQUIRY, THROUGH A
     PROPOSAL, AND TO AN ORDER**
**MISE EN CORRESPONDANCE D'UN ACHETEUR ET D'UN VENDEUR, ET ASSISTANCE
     APPORTEE A CEUX-CI, D'UNE DEMANDE A UNE COMMANDE, EN PASSANT PAR UNE
     OFFRE**
Patent Applicant/Assignee:
  HONEYWELL INTERNATIONAL INC, 101 Columbia Avenue, P.O. Box 2245,
     Morristown, NJ 07960, US, US (Residence), US (Nationality)
Inventor(s):
  ELMS Christopher Mark, 5829 Riverside Drive, Melbourne, Ontario N0L 1T0,
     CA,
  MCKINNON David D, 107 Red Path Avenue, Toronto, Ontario M4S 2J9, CA,
  VALERIOTE David B, 561 William Street, London, Ontario N6B 3E5, CA,
Legal Representative:
  CRISS Roger H (et al) (agent), Honeywell International Inc., 101 Columbia
     Avenue, P.O. Box 2245, Morristown, NJ 07960, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200325821 A2 20030327 (WO 0325821)
  Application: WO 2002US29757 20020919 (PCT/WO US0229757)
  Priority Application: US 2001954593 20010919
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6957

Main International Patent Class: G06F-017/60
Fulltext Availability:
  Detailed Description

Detailed Description
... between a buyer at buyer workstation 105 and a vendor at vendor
   workstation 135, the **buyer** and seller, as generators of the dialogue,
   need not necessarily be **human** being@ but could instead be virtual
   characters formed by components employing techniques of **artificial
   intelligence** . For example, the dialogue generated by the seller may be
   produced by a component of software associated with vendor workstation

135 rather than by an actual **human** being. The present invention also
contemplates a language translation capability to
7
allow for a dialog between users who **speak** different languages, such as
those of different ethnic or national descent.

Server 112 includes a...

 12/3,K/7   (Item.3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00836143   **Image available**
NETWORKED INTERACTIVE TOY APPARATUS OPERATIVE TO PROMOTE SALES
APPAREIL A JOUETS INTERACTIFS CONNECTE A UN RESEAU ET FONCTIONNANT DE
   MANIERE A STIMULER LES VENTES
Patent Applicant/Assignee:
  CREATOR LTD, 16 Basel Street, 49001 Petach Tikva, IL, IL (Residence), IL
     (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  GABAI Oz, 156 Jabotinsky Street, 62330 Tel Aviv, IL, IL (Residence), IL
     (Nationality), (Designated only for: US)
  GABAI Jacob, 14 Klee Street, 62336 Tel Aviv, IL, IL (Residence), IL
     (Nationality), (Designated only for: US)
  SANDLERMAN Nimrod, 44 Churgin Street, 52356 Ramat Gan, IL, IL (Residence)
     , IL (Nationality), (Designated only for: US)
  WEISS Nathan, 7A Meltzer Street, 76285 Rehovot, IL, IL (Residence), IL
     (Nationality), (Designated only for: US)
Legal Representative:
  COLB Sanford T (et al) (agent), Sanford T. Colb & Co., P.O. Box 2273,
     76122 Rehovot, IL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200169829 A2-A3 20010920 (WO 0169829)
  Application: WO 2001IL247 20010314 (PCT/WO IL0100247)
  Priority Application: US 2000189914 20000316; US 2000189915 20000316; US
     2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US
     2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US
     2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US
     2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US
     2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US
     2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US
     2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US
     2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US
     2000200508 20000428; US 2000200513 20000428; US 2000200639 20000428; US
     2000200640 20000428; US 2000200641 20000428; US 2000200647 20000428; US
     2000203175 20000508; US 2000203177 20000508; US 2000203182 20000508; US
     2000203244 20000508; US 2000204201 20000515; US 2000204200 20000515; US
     2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US
     2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US
     2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US
     2000212696 20000619; US 2000215360 20000630; US 2000608720 20000630; US
     2000216237 20000705; US 2000216238 20000705; US 2000217357 20000712; US
     2000219234 20000718; US 2000220276 20000724; US 2000221933 20000731; US
     2000223877 20000808; US 2000227112 20000822; US 2000229371 20000830; US
     2000229648 20000831; US 2000231105 20000908; US 2000231103 20000908; US
     2000234883 20000925; US 2000234895 20000925; US 2000239329 20001010; US
     2000253362 20001127; US 2000250332 20001129; US 2000254699 20001211; US
     2001267350 20010208
Designated States:
(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)
    AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
    EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
    LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
    TM TR TT TZ UA UG US UZ VN YU ZA ZW
    (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
    (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
    (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
    (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 48354

...International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description
Detailed Description
... toys to enhance the entertainment quality of the toy. For example, an
  adult who enjoys **talking** to himself, may want to put this technology
  into a mirror, and then carry on conversations with "himself', using
  either prepared scripts or some currently existing or future " **Artificial
    Intelligence** " technology. This is designed to simulate **human**
  response to a **user** 's statements as described below.

  The entertaininent value of such toys is greatly enhanced when...

 12/3,K/8   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00790566   **Image available**
POSITIONING SYSTEM FOR PERCEPTION MANAGEMENT
SYSTEME DE POSITIONNEMENT POUR LA GESTION DE LA PERCEPTION
Patent Applicant/Assignee:
  SHR PERCEPTUAL MANAGEMENT, 7702 E. Doubletree Ranch Road, Suite 200,
    Scottsdale, AZ 85258, US, US (Residence), US (Nationality)
Inventor(s):
  SHEPARD Barry, 6215 North 61st Place, Paradise Valley, AZ 85253, US,
  RODGERS Will, 8711 East Pinnacle Peak, Scottsdale, AZ 85255, US,
  FIDLER Brian, 10015 East Mountain View Road, Unit 2040, Scottsdale, AZ
    85258, US,
Legal Representative:
  BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
    Minneapolis, MN 55402-0903, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200124056 A1 20010405 (WO 0124056)
  Application: WO 2000US26626 20000928 (PCT/WO US0026626)
  Priority Application: US 99407569 19990928
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU
  CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ
  EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL
  IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG
  MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

Claim
... representation embodies cues, whereupon when viewed by humans, these
  related cues send signals that influence **human** behavior by
  synergistically triggering desired perceptions. Perception management is
  performed by outputting from the computer...

...plurality of visual representations is distilled in order to identify
  the related cues that influence **human** behavior.
  BRIEF DESCRIPTION OF THE DRAWINGS
  Referring now to the drawings in which like reference...be interfaced
  with other devices, such as read-only memory (ROM), video card, bus
  interface, **speakers** , printers, speech recognition and synthesis
  devices, virtual reality devices, devices capable of converting a digital
  ...

...implementing speech technology that allows people to transact business
  with computers and retrieve information by **talking** to a machine,
  either live or via the telephone. Other companies developing speech
  5
  recognition...The information is collected and processed using computers
  and is consequently much more efficient than **human** researchers.
  Moreover, positioning system 1 1 8 adds a degree of depth to the
  infonnation...

...such as color, composition, tone and context to discover information
  that is not discernible to **human** researchers.
  Furthermore, positioning system II 8 enables companies to conduct
  research of their consumers' perceptions...be stored and added to the
  database.
  In one embodiment, the media database may incorporate **artificial**
  intelligence , leveraging existing models of fuzzy logic and scalable to
  support future technical advancements and growth...of Fuzzy Measures
  Based on Triangle Inequalities", Int. J. Gen. Sys. 8. Furthen-nore, the
  artificial intelligence technology provides the ability
  to develop a database capable of leaming. The database is populated...

...as provided by various input devices that are generally well-known in
  the art.
  The **artificial intelligence** technology recognizes degrees of
  relationships between the sensory stimuli representations and the
  responses to the
  9
  sensory stimuli representations that may uncover similar characteristics.
  Accordingly, **artificial intelligence** extends the most recent
  appropriate sensory stimuli representations to previously unrelated
  sensory stimuli representations. As...

...labor-intensive work, such as manually deciding which sensory stimuli
  representations and responses are related. **Artificial intelligence**
  may be used to refine the database of sensory stimuli representations
  stored in the database...

...to specific items and perform specific tasks. Intelligent agents
technology is an advanced form of **artificial intelligence** that learns
from experience and spawns new generations of "agents" capable of
extending their predecessors...desired perceptions. Because it is
subjective in nature, until recent technical advancements, this process
required **human** creativity. The notion of a concept board is not meant
to conform the idea around...

...the analysis by the virtual positioning strategists has been
completed, control is passed to an **artificial intelligence** virtual
designer. The virtual designer would have a fundamental knowledge of
specific aspects of sensory...users input or present their responses to
the system.
For example, users may input a **verbal** description or representation to
positioning system I 1 8. Alternatively, positioning system 1 1 8...
Internet is a collection of many different networks, public and private,
big and small, whose **human** operators have agreed to connect to one
another.
The composite network represented by these networks...

12/3,K/9 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00730948 **Image available**
**SYSTEM AND METHOD AND ARTICLES OF MANUFACTURE FOR AUTOMATED ADVISORY
DECISION AND CONTROL SERVICES USING DECISION SYSTEMS WITH MODEL LICENSE
PROTECTION**
**SYSTEME, PROCEDE ET ARTICLES MANUFACTURES POUR DECISION CONSULTATIVE
INFORMATISEE ET SERVICES DE SURVEILLANCE FAISANT APPEL A DES SYSTEMES
DE DECISION AVEC PROTECTION DE LICENCE ET DE MODELE**
Patent Applicant/Assignee:
  TECHNOLOGYEVALUATION COM (TEC), 500 Unicorn Park Drive, Suite 404,
    Woburn, MA 01801, US, US (Residence), US (Nationality), (For all
    designated states except: US)
Patent Applicant/Inventor:
  AFTAHI Mehdi, 2255 St. Jacques, Montreal, Quebec H3J 1H6, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  BOUDREAULT Pierre, 5000 Des Chenes, Ste. Catherine, Quebec J0L 1E0, CA,
    CA (Residence), CA (Nationality), (Designated only for: US)
  DROBETSKY Perry, 4927 Connaught Avenue, Montreal, Quebec H4V 1X4, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  LOBLEY Donald J, 20730 Gay Cedars, Baie d'Urfe, Quebec H9X 2T4, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  ROBINS Edward S, 19 Ridge Street, Winchester, MA 01890, US, US
    (Residence), CA (Nationality), (Designated only for: US)
  THARANI Salim, 1000 Stravinski, Brossard, Quebec J4X 1X4, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
  GORDON Peter J (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic
    Avenue, Boston, MA 02210, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200043935 A2 20000727 (WO 0043935)
  Application: WO 2000US335 20000107 (PCT/WO US0000335)
  Priority Application: CA 2258383 19990108
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 39131

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... decision support process that determines decision making procedures
  through a series of appropriate graphical and **verbal** prompts, and
  provides adequate detailed meta-data without necessarily revealing other
  attributes which may be...

...least one alternative amongst at least two alternatives, or issue a
  signal thereto to a **human** operator or device for decision and control
  action. Such systems are known as automated advisory and control systems,
  and constitute a **decision support system** and process means for
  customizing a process and aggregating, disaggregating and analyzing data
  which may...

Claim
... PLANNING Benchmd [Gobd v6qht of leaf factors] Local Weights
  TY REWIREMENTS PLANNING j00 LS r7v--@,
  HUMAN RESOURCES
  PRODUCT TECHNOLOGY 04 030Z 1.3
  PRODUCT COST ILL
  - ATE SERKE AND SUPPORT 0...

...stornize
  Z21! Cu 'ING
  PLANT del Info
  -350
  INVENTORY MANAGEMENT
  SUPPLY-CHAIN MANAGEMENT
  FINANCIALS
  TEGRATED **HUMAN** RESOURCES
  PRODUCT TECHNOLOGY 0,30/c, 1.3
  PRODUCT OST
  ORATE SERVICE AND SUPPORT 0...Highest/Lowest
  405
  Show descendant Highest and Lowest weight
  criteria with weights
  Apply rating method **Verbal** Poor-Excellent 406
  to Aggregate field
  Apply weight interpretation 406
  to Aggregate field Unimportant-Very...

 12/3,K/10   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00560555   **Image available**
INTERNET BUSINESS TRANSACTION PROCESSOR
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET
Patent Applicant/Assignee:
  HARDWARESTREET COM INC,
Inventor(s):
  ALVIN Robert S,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200023928 A2 20000427 (WO 0023928)
  Application: WO 99US24452 19991019 (PCT/WO US9924452)
  Priority Application: US 98104830 19981019; US 99345383 19990630
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
  GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
  MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
  GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
  DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML
  MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 7778

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Claims

Claim
... is scheduled to run automatically by the
  Catalog Builder/Price Modeler 50 so that no **human**
  interaction is necessary unless it is desired to do so.
  The product information is preferably...Modeler 50 of the present
  invention is an intelligent
  rule-based algorithm such as an **AI** (i.e., **Artificial**
  Intelligence) program generates a competitive price for a
  product based on price of the product offered...System 20 places the
  selected products in
  an electronic shopping cart.
  At the time of **checkout** , the customer is asked to
  create a customer account asking for personal information
  such as...
?

```
Set      Items     Description
S1        6562     (DECISION OR PERFORMANCE)()SUPPORT()SYSTEM? OR DSS OR EPSS
                   OR EXPERT()SYTEM? OR AI OR ARTIFICIAL()INTELLIGEN?
S2      236763     POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR
                   CHECK()OUT?
S3      235825     HUMAN?
S4      106267     VERBAL? OR SPEAK? OR TALK?
S5     2632074     CONSUMER? OR USER? OR BUYER? OR PARTICIPANT? OR CUSTOMER? -
                   OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR PERSON?
S6           4     S1 AND S2 AND S3
S7          18     S2 AND S3 AND S4
S8         556     S2 AND S4 AND S5
S9          12     S8 AND (S1 OR S3)
S10         21     S6 OR S7 OR S9
? show file
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
        (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200573
        (c) 2005  Thomson Derwent
```

06935988   **Image available**
CONTROL SYSTEM FOR ELEVATOR

PUB. NO.:   2001-163531 [JP 2001163531 A]
PUBLISHED: June 19, 2001 (20010619)
INVENTOR(s):   NAGASATO HIROSHI
                YAMAGUCHI KATSUMI
APPLICANT(s):   HITACHI BUILDING SYSTEMS CO LTD
APPL. NO.:   11-349287 [JP 99349287]
FILED: December 08, 1999 (19991208)
INTL CLASS: B66B-001/14; B66B-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To make a **person** disabled in hearing or a **person** capable of practicing simple finger **talking** use an elevator without operating a car operation control panel.

SOLUTION: A simple finger **talking** image for showing requirement such as a floor **member** of destination is recorded by an image recorder 6 based on a **human** body sensor 4 arranged inside a car 1 and timing of a control signal from the car 1, the finger **talking** image is extracted by an image extracting.recognizing device 8 to collate its image recognition pattern 7, the number of the destination floor is thereby recognaized, and a command is issued from a commanding deice 9 to an operation controller 2 for an elevator to **register** the destination floor required by a passenger.

04445583   **Image available**
ON-VEHICLE MUSIC RECORDING AND REPRODUCING DEVICE WHICH CAN BE REMOTELY OPERATED BY **HUMAN** SPEECH

PUB. NO.:   06-089483 [JP 6089483 A]
PUBLISHED: March 29, 1994 (19940329)
INVENTOR(s):   MIURA TAKESHI
APPLICANT(s):   MIURA TAKESHI [000000] (An Individual), JP (Japan)
APPL. NO.:   04-282151 [JP 92282151]
FILED: September 07, 1992 (19920907)
INTL CLASS: [5] G11B-015/02; G11B-015/10; G11B-019/16; G11B-033/02
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 26.2 (TRANSPORTATION --
                Motor Vehicles)
JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition &
                Synthesis); R131 (INFORMATION PROCESSING -- Microcomputers &
                Microprocessers)
JOURNAL: Section: P, Section No. 1764, Vol. 18, No. 353, Pg. 84, July
                04, 1994 (19940704)

ABSTRACT

PURPOSE: To enable the operation of a device to be controlled by a **user**'s voice by taking the safety of automobile operation into consideration by

constituting the music recording and reproducing device of a voice recognizing device for a nonspecific or specific **speaker** , a voice **register** switch group and a CPU controlling these devices.

CONSTITUTION: This device is constituted of a microphone 1 which takes the voice into the device, the specific or nonspecific **speaker** 's voice recognizing unit 2 or 4 which recognizes the voice, the CPU 3 which controls these units, the music recording and reproducing device 5 and the switch group 6 for learning voice which stores the specific **speaker** 's voice. The device is constituted in such a manner and the voice signal inputted from the microphone 1 is inputted to the unit 2 or 4 which outputs the signals for selecting the music, the setting a reproduction state successively to the CPU 3. The device 5 is instructed from the CPU 3 of operations for music selection and reproduction. Namely, the device is instructed of any among recording, reproducing, fast feeding, fast rewinding, ejecting and stopping and the device is remotely operated according thereto. Inattention ahead is thus eliminated without shifting the visual points of the eyes.

10/5/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

ABSTRACT
PURPOSE: To reduce a shock or an unpleasantness of a mind and body by starting acoustic alarm from a small level, starting it by means of **human** voice, starting it by concord and, after that, successively changing it into louder alarm.

CONSTITUTION: When a fire detecting part in a fire alarm device 10 detects a fire phenomenon, its relay contact S1 is turned on and a capacitor C1 is charged with a **register** R1. In this way the both end voltages of the capacitor C1 increase in terms of an exponetial function, the both end voltages are amplified by an operation amplifier OP 1 and the operation amplifier OP 2 outputs a sine wave signal in accordance with an amplified

signal. That is, the operation amplifier OP 2 outputs the sine wave signal with remarkably small amplitude immediately after the relay contact S1 is turned on and successively outputs the sine wave signal with increased amplitude. Therefore, a **speaker** 22 outputs small sound immediately after the relay contact S1 is turned on and the sound successively becomes louder. Then, it prevents the sudden sense of tension to a **person** .

10/5/4   (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04103629   **Image available**
PORTABLE TELEPHONE SET

PUB. NO.:   05-095329   [JP 5095329 A]
PUBLISHED: April 16, 1993 (19930416)
INVENTOR(s):   OOKAWA ATSUHIRO
APPLICANT(s):   TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:   03-254062   [JP 91254062]
FILED: October 02, 1991 (19911002)
INTL CLASS: [5] H04B-007/26
JAPIO CLASS: 44.2 (COMMUNICATION -- Transmission Systems); 44.4
                 (COMMUNICATION -- Telephone)
JOURNAL: Section: E, Section No. 1415, Vol. 17, No. 444, Pg. 81,
                 August 16, 1993 (19930816)

ABSTRACT
PURPOSE: To prevent the illegal use of the portable telephone set by a 3rd
party by storing **human** body information of the specific **user** in advance
and operating a transmission reception section when the information is
coincident with information obtained by a fingerprint read section.

CONSTITUTION: A piezoelectric sheet or the like is used to process a relief
of a fingerprint into a signal based on a finger placed on a fingerprint
read section 5, a fingerprint picture characteristic extract section 7
extracts only a characteristic part of a fingerprint picture and inputted
to a memory 9 to **register** the fingerprint. When a **person** to use the
portable telephone set 1 places its finger onto the fingerprint read
section 5, the fingerprint pattern is processed into a signal, which is
inputted to the fingerprint picture characteristic extract section 7 and
the characteristic part is inputted to a comparator section 8. On the other
hand, the fingerprint picture registered in advance is read from the memory
9 and they are compared, and when they are coincident, a control section 10
is activated. That is, a switch 11 is closed to supply power of a power
supply 12 to the transmission reception section or the like, the portable
telephone set 1 is activated to attain the **talking** available state. Thus,
a **person** whose fingerprint is not registered cannot use illegally the
telephone set.

10/5/5   (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

03679972   **Image available**
CALL REGISTERER FOR ELEVATOR

PUB. NO.:   04-045072   [JP 4045072 A]
PUBLISHED: February 14, 1992 (19920214)
INVENTOR(s):   YAMAMOTO HISAO
APPLICANT(s):   TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:   02-149875   [JP 90149875]
FILED: June 11, 1990 (19900611)
INTL CLASS: [5] B66B-001/14; B66B-003/00; B66B-005/02
JAPIO CLASS: 26.9 (TRANSPORTATION -- Other)

ABSTRACT

PURPOSE: To eliminate any tamper call **register** as well as to improve the
operational efficiency by registering a voiceprint signal only at a time
when a **user** is detected before a microphone set up in an elevator hall,
and performing an aural check at time of inputting the next aural signal,
then making the coincident signal so as to be registered for the elevator
call.

CONSTITUTION: An input aural signal 5a out of a microphone 5 is inputted
into a **speaker** checker 8. In addition, **human** detecting signals 6a, 6b
of a **human** detector 6 are inputted into this **speaker** checker 8 and a
voice call registerable indicator lamp 7 respectively. When both these
signals 5a, 6a are inputted, the **speaker** checker 8 feeds these signals to
a voice recognizer 9 for the first time call **register** , and voice
comparison operation is carried out only in the already registered case,
and if the signal is coincident with it, a **register** permission signal 9a
is outputted to a call registerer 10. When it is unregistered, it is
temporarily registered, and at time of the second aural signal inputted, it
is judged at the same manner, and when being coincident, the second voice
input is canceled, and when incongruity is the case, the call **register** is
performed.

 10/5/6   **(Item 1 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

017090897   **Image available**
WPI Acc No: 2005-415225/200542
XRPX Acc No: N05-336619
  Method of confirming glottal events within human **speech signal,**
  involves registering each glottal event with adjacent glottal events to
  confirm several glottal events located within each speech signal segment
Patent Assignee: BOSSEMEYER R W (BOSS-I); WILLIAMS W J (WILL-I)
Inventor: BOSSEMEYER R W; WILLIAMS W J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20050096900	A1	20050505	US 2003698629	A	20031031	200542	B

Priority Applications (No Type Date): US 2003698629 A 20031031
Patent Details:

Patent No	Kind Lan	Pg	Main IPC	Filing Notes
US 20050096900	A1	18	G10L-011/04	

Abstract (Basic): US 20050096900 A1
     NOVELTY - One speech segment having higher energy sections is
  located within speech signal segment. Several glottal events are
  located within each speech signal segment based on the higher energy
  sections. Each glottal event is registered with adjacent glottal events
  to confirm several glottal events located within each speech signal
  segment.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
     (1) computer-readable medium storing instructions for performing

Bode Akintola   EIC 3600   16-Nov-05

glottal event confirmation; and
        (2) **speaker** verification system.
        USE - For confirming glottal events within **human** speech signal.
        ADVANTAGE - Performs more better, more uniform and accurate
analysis of glottal events.
        DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
illustrating the process of confirming glottal events.
        pp; 18 DwgNo 2B/9
Title Terms: METHOD; CONFIRM; GLOTTIS; EVENT; **HUMAN** ; SPEECH; SIGNAL;
    REGISTER ; GLOTTIS; EVENT; ADJACENT; GLOTTIS; EVENT; CONFIRM; GLOTTIS;
    EVENT; LOCATE; SPEECH; SIGNAL; SEGMENT
Derwent Class: P86; T01; W04
International Patent Class (Main): G10L-011/04
File Segment: EPI; EngPI

  10/5/7   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016931021   **Image available**
WPI Acc No: 2005-255331/200527
XRPX Acc No: N05-210093
    User **assistance method in targeted messaging system, involves providing
    offer to summon** human **agent knowledgeable about products associated
    with message to** user **, and summoning agent to** speak **with** user **in
    response to offer**
Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: BLACK J S; COUTTS M; FORREST S J; SMITH M R
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2405963	A	20050316	GB 200321525	A	20030913	200527	B
US 20050060218	A1	20050317	US 2004929256	A	20040830	200527	

Priority Applications (No Type Date): GB 200321525 A 20030913
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2405963	A		34	G06F-017/60	
US 20050060218	A1			G06F-017/60	

Abstract (Basic): GB 2405963 A
        NOVELTY - An automatic teller machine (ATM) is provided with an
appropriate message by a web server for presenting to a **user** . An
offer to summon the **human** agent knowledgeable about the products
associated with the message is provided to the **user** , and the agent is
summoned to **speak** with the **user** in response to the offer.
        DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
        (1) targeted messaging system;
        (2) terminal and
        (3) bank branch system.
        USE - For assisting **user** to target messages to other **users** of
terminal such as self-service terminals (SSTs) e.g. automatic teller
machine (ATM), information **kiosk** , web-enabled **personal** computer
(PC), interactive television using **customer** relationship management
(CRM) system, in targeted messaging system.
        ADVANTAGE - Performs summoning in real time before transaction is
completed at ATM. Enables a sales product to be identified and quickly
paired with a product specialist, thereby improving the sales of the
product.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram showing the steps involved in the transaction executed at automatic teller machine.
pp; 34 DwgNo 4/7
Title Terms: **USER** ; ASSIST; METHOD; MESSAGING; SYSTEM; OFFER; SUMMON; **HUMAN** ; AGENT; PRODUCT; ASSOCIATE; MESSAGE; **USER** ; AGENT; **SPEAKER** ; **USER** ; RESPOND; OFFER
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

10/5/8   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016907647   **Image available**
WPI Acc No: 2005-231935/200524
Related WPI Acc No: 2003-597123
XRPX Acc No: N05-191038
Artificial intelligence **system simulating method for brokering transactions, involves providing** human **interface for operator to check content of buyer and seller registration modules and matching module for each transaction**
Patent Assignee: CZORA G J (CZOR-I)
Inventor: CZORA G J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20050055298	A1	20050310	US 99257863	A	19990302	200524	B
			US 2002266171	A	20021007		
			US 2004885477	A	20040706		

Priority Applications (No Type Date): US 2004885477 A 20040706; US 99257863 A 19990302; US 2002266171 A 20021007
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050055298	A1		14	G06F-017/60	CIP of application US 99257863
					CIP of application US 2002266171

Abstract (Basic): US 20050055298 A1
NOVELTY - The method involves providing a buyer registration module for obtaining information about a buyer`s requirement. A seller registration module is provided for obtaining information about a seller`s offer. A matching module is provided for matching the buyer`s requirement to the seller`s offer. A **human** interface is provided for a **human** operator to check the content of the modules for each transaction.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(A) a computer program product having a computer usable medium having a computer readable code to operate on a computer for performing **artificial intelligence** system simulating method
(B) a simulated **artificial intelligence** system.
USE - Used for simulating an **artificial intelligence** system for brokering transactions.
ADVANTAGE - The method does not loses the desirable properties of a computer controlled **artificial intelligence** , such as apparent anonymity and consumer confidence, even though a human operator monitors results and intervenes in the operations. The method connects

persons through mainframe transaction systems and/or Internet, thus
reaching widest possible audience while retaining the required
anonymity.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of an
Internet based expertise brokering method.

pp; 14 DwgNo 2/5

Title Terms: ARTIFICIAL; INTELLIGENCE; SYSTEM; SIMULATE; METHOD;
TRANSACTION; **HUMAN** ; INTERFACE; OPERATE; CHECK; CONTENT; BUY; **REGISTER**
; MODULE; MATCH; MODULE; TRANSACTION

Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

10/5/9   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016795451   **Image available**
WPI Acc No: 2005-119728/200513
Related WPI Acc No: 2002-526206; 2004-354574
XRPX Acc No: N05-103234
**Cash delivery apparatus for facility e.g. self-service motor fuel
dispensing facility, has card reader operating in response to cash value
dispense and computer operative responsive to reading card for generating
charge record**
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: ENRIGHT J M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6845907	B1	20050125	US 98108340	P	19981113	200513	B
			US 99438602	A	19991112		

Priority Applications (No Type Date): US 98108340 P 19981113; US 99438602 A
19991112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6845907	B1		62	G06F-007/08	Provisional application US 98108340

Abstract (Basic): US 6845907 B1
NOVELTY - The apparatus has a computer (36) connected to a
self-service merchandise dispensing machine (12), a **user** interface
(48) and a cash value dispensing mechanism (30). A card reader (54)
operates in response to cash value dispense for including data
representative of amount in stored value memory. The computer is
operative responsive to reading a card (80) with the card reader to
generate a charge record.

DETAILED DESCRIPTION - The controller causes a merchandise to
dispense from the merchandise dispensing machine. The charge record
includes data representative of source of monetary value, charge and
the amount. An INDEPENDENT CLAIM is also included for a method of
operating a cash delivery apparatus.

USE - Used for delivering cash to **customers** at facility e.g.
self-service facility such as self-service motor fuel dispensing
facility which includes a self-service merchandise dispensing machine
e.g. fuel-pump, and attended facility such as fast food restaurant.

ADVANTAGE - The apparatus reduces amount of **human** effort required
to operate it, thus enabling workers to concentrate on merchandise
preparation and delivery, and hence a larger number of **customers** can

be served more quickly by fewer workers. The apparatus can serve **customers** who **speak** different languages. The apparatus enables **persons** who may not have credit or debit cards to utilize the apparatus by cashing checks and to receive the balance of their funds in a manner that is fast and convenient. The apparatus can be used by **persons** who do not have accounts with financial institutions.
DESCRIPTION OF DRAWING(S) - The drawing shows a cash delivery apparatus.
Self-service dispensing machine (12)
Facility (14)
Cash **register** (20)
Reader (22)
Output device (24)
Service window (26)
Cash dispenser (28)
Cash dispensing mechanism (30)
Computer (36)
User interface (48)
Card reader (54)
Card (80)
pp; 62 DwgNo 1/59
Title Terms: CASH; DELIVER; APPARATUS; FACILITY; SELF; SERVICE; MOTOR; FUEL
; DISPENSE; FACILITY; CARD; READ; OPERATE; RESPOND; CASH; VALUE; DISPENSE
; COMPUTER; OPERATE; RESPOND; READ; CARD; GENERATE; CHARGE; RECORD
Derwent Class: T01; T05
International Patent Class (Main): G06F-007/08
File Segment: EPI

 10/5/10   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016549567   **Image available**
WPI Acc No: 2004-708308/200469
XRPX Acc No: N04-561619
 Perceptual user **interface system for e.g. airport electronic ticket check-in kiosk , has filtering component to remove tracked object from object hypotheses based on preset removal criteria**
Patent Assignee: OLIVER N M (OLIV-I); WILSON A D (WILS-I)
Inventor: OLIVER N M; WILSON A D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040189720	A1	20040930	US 2003396653	A	20030325	200469	B

Priority Applications (No Type Date): US 2003396653 A 20030325
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040189720	A1		30	G09G-005/00	

Abstract (Basic): US 20040189720 A1
NOVELTY - The system has a tracking component (102) to detect an object within a scene based on comparison of images relative to mapping of the images, and to track the object. A seeding component (108) seeds the tracking component with object hypotheses based on the presence of the object and the image comparison. A filtering component (114) removes the tracked object from the hypotheses based on preset removal criteria.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the

following:
       (A) a network of computer systems, each including an object
processing system
       (B) a method of facilitating a human -computer interface.
       USE - Used for controlling a computer system in airport electronic
ticket check-in kiosk , and rental car direction system.
       ADVANTAGE - The filtering component removes the tracked object from
the object hypotheses based on the preset removal criteria, thus
controlling the application programs and manipulation of on-screen
objects in response to object movements performed by a user . The
system operates in real time and is robust, light in weight, and
provides a relatively inexpensive capability for the recognition of
hand gestures and verbal commands.
       DESCRIPTION OF DRAWING(S) - The drawing shows a system block
diagram of components for controlling a computer and/or other
hardware/software peripherals interfaced.
       Tracking component (102)
       Control component (106)
       Seeding component (108)
        User interface component (110)
       Filtering component (114)
       pp; 30 DwgNo 1/12
Title Terms: USER ; INTERFACE; SYSTEM; AIRPORT; ELECTRONIC; TICKET; CHECK;
    KIOSK ; FILTER; COMPONENT; REMOVE; TRACK; OBJECT; OBJECT; BASED; PRESET;
   REMOVE; CRITERIA
Derwent Class: P85; T01; T04; T05; W06
International Patent Class (Main): G09G-005/00
File Segment: EPI; EngPI

 10/5/11   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015546487
WPI Acc No: 2003-608642/200358
XRPX Acc No: N03-485314
   Real person spoken foreign language pairing teaching in-line virtual
   community system and method
Patent Assignee: YINGYEDA CO LTD (YING-N)
Inventor: MA P; WEN S; ZHANG D
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
CN 1420448   A   20030528 CN 2001134828   A   20011115 200358 B

Priority Applications (No Type Date): CN 2001134828 A 20011115
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
CN 1420448   A   G06F-015/163

Abstract (Basic): CN 1420448 A
       NOVELTY - A in-line virtual society system for real human spoken
   foreign language pairing education is composed of central information
   monitor module, member control module, basic member database,
   authentication module, authenticating item database, real-time pairing
   module, and link diverting module. Its method includes activating
   browse interface to transmit register -in request of user , real-time
   pairing between teacher and student, link diverting, and storing the
   link data to basic member database.

DwgNo 0/0
Title Terms: REAL; **PERSON** ; **SPEAKER** ; FOREIGN; LANGUAGE; PAIR; TEACH;
  LINE; VIRTUAL; COMMUNAL; SYSTEM; METHOD
Derwent Class: T01; W04
International Patent Class (Main): G06F-015/163
International Patent Class (Additional): G06F-009/46
File Segment: EPI

 10/5/12   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015534973   **Image available**
WPI Acc No: 2003-597123/200356
Related WPI Acc No: 2005-231935
XRPX Acc No: N03-475868
   Artificial   intelligence **system for computer aided data communication,
   has buyer and seller registration modules, matching module for matching**   ⨍
   registration modules and human **interface for checking modules**
Patent Assignee: CZORA G J (CZOR-I)
Inventor: CZORA G J
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   ' Week
US 20030088522 A1   20030508 US 99257863   A   19990302 200356 B
                               US 2002266171   A   20021007

Priority Applications (No Type Date): US 2002266171 A 20021007; US 99257863
  A 19990302
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030088522 A1   14 G06F-017/60   CIP of application US 99257863
Abstract (Basic): US 20030088522 A1
        NOVELTY - The system (10) has a buyer and a seller registration
   module for obtaining information about the buyers requirement and the
   sellers offer. A matching module matches the buyers requirement with
   the sellers offer. A **human** interface (30) checks the operation of all
   the three modules.
        DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is also included for a
   method for simulating **artificial**   **intelligence** .
        USE - Used for computer aided data communication.
        ADVANTAGE - The system enables a person offering a particular
   expertise or personal or professional service to make their presence
   known to a simulated **artificial**   **intelligence** interface and then
   makes his/her request known to other users of the Internet. The price
   for services can be negotiated without the necessity of personal
   communication. The anonymity of the **human** processors in the system is
   maintained, thereby maintaining the illusion of the advanced science
   fiction like consciousness.
        DESCRIPTION OF DRAWING(S) - The drawing shows a schematic block
   diagram of an Internet based expertise brokering apparatus.
        .**Artificial**   **intelligence** apparatus (10)
        Internet (12)
        Brokering computer (19)
        Human manager. (30)
        pp; 14 DwgNo 1/6
Title Terms: ARTIFICIAL; INTELLIGENCE; SYSTEM; COMPUTER; AID; DATA;
  COMMUNICATE; BUY; **REGISTER** ; MODULE; MATCH; MODULE; MATCH; **REGISTER** ;
  MODULE; **HUMAN** ; INTERFACE; CHECK; MODULE

Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

 10/5/13   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015387074   **Image available**
WPI Acc No: 2003-448019/200342
XRPX Acc No: N03-357333
  **Cardiac and apnea monitoring system for infants, has sensor unit capable
  of monitoring and transmitting modulated high and low frequency alarm
  signals to emergency message retrieval unit**
Patent Assignee: HOLLAND T C (HOLL-I); SUSKOVICH M C (SUSK-I)
Inventor: HOLLAND T C; SUSKOVICH M C
Number of Countries: 001 Number of Patents: 002
Patent Family:
Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030055350	A1	20030320	US 2001951119	A	20010914	200342	B
US 6764451	B2	20040720	US 2001951119	A	20010914	200448	

Priority Applications (No Type Date): US 2001951119 A 20010914
Patent Details:
Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030055350	A1		24	A61B-005/04	
US 6764451	B2			A61B-005/205	

Abstract (Basic): US 20030055350 A1
      NOVELTY - The system has a sensor unit (30) with a portable base
   that transmits a high frequency enable signal modulated with a binary
   code to an emergency message retrieving unit (EMRU). The receiver
   present in the EMRU demodulates the received enable signal and performs
   Boolean comparisons against unique binary code to activate strobe
   light, audio **speaker** and motion switching alarms.
      DETAILED DESCRIPTION - The base of the sensor unit is operatively
   connected to the **human** body by a pair of electrodes that receives
   electrical impulses of the cardiac system. The device also has a signal
    register for holding decoded data in memory for future access. An
   INDEPENDENT CLAIM is also included for an alarm state manager system of
   the **human** body's pulmonary and cardiac systems
      USE - Used for cardiac and apnea monitoring for infants.
      ADVANTAGE - The system provides greater mobility and increased
   safety in monitoring infants. The system with various alarms is very
   useful for parents experiencing sensory limitations in monitoring their
   children.
      DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of
   the overall circuitry and components of the monitoring base apparatus.
      Sensory circuitry (30)
      pp; 24 DwgNo 1/20
Title Terms: CARDIAC; APNOEA; MONITOR; SYSTEM; INFANT; SENSE; UNIT; CAPABLE
   ; MONITOR; TRANSMIT; MODULATE; HIGH; LOW; FREQUENCY; ALARM; SIGNAL;
   EMERGENCY; MESSAGE; RETRIEVAL; UNIT
Derwent Class: P31; S05; T01; W05
International Patent Class (Main): A61B-005/04; A61B-005/205
File Segment: EPI; EngPI

 10/5/14   (Item 9 from file: 350)

015216228   **Image available**
WPI Acc No: 2003-276765/200327
Related WPI Acc No: 2002-425001; 2002-590278
XRPX Acc No: N03-219991
   Point -of- sale **ticket vending system for fast food restaurant,
   processes** verbal **instructions received from** customer **based on which
   displays seating chart regarding seats available for event**
Patent Assignee: MAHAFFY D B (MAHA-I); MAHAFFY K E (MAHA-I); SCHMIDT E E
   (SCHM-I)
Inventor: MAHAFFY D B; MAHAFFY K E; SCHMIDT E E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030018531	A1	20030123	US 2000657719	A	20000908	200327	B
			US 2002151593	A	20020520		

Priority Applications (No Type Date): US 2002151593 A 20020520; US
   2000657719 A 20000908
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
US 20030018531 A1	14	G06F-017/60	CIP of application US 2000657719

Abstract (Basic): US 20030018531 A1
      NOVELTY - A **customer** interaction terminal receives **verbal**
   instructions from a **customer** seeking to purchase tickets. A computer
   with **artificial   intelligence** processes the audio signal and
   recognizes ·**verbal** instructions based on which displays the seating
   chart regarding seats available for the event. A **human** controlled
   response unit interacts with **customer** , when **verbal**˙ instruction is
   not recognized by the computer.
      USE - **Point** -of- **sale** ticket vending system for fast food
   restaurant.
      ADVANTAGE - Eliminates the need and space required for traditional
   human cashiers, therefore providing a greater amount of order
   processing space for **customer** interaction terminal. Also, since the
   customer interacts with the ticket vending system in the same manner
   as with that of **human** cashier, the vending system is easier to use
   and thereby attracts the attention of **customers** .
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
   explaining the transaction processing of **point** -of- **sale** system.
      pp; 14 DwgNo 2A/3
Title Terms: POINT; SALE; TICKET; VENDING; SYSTEM; FAST; FOOD; RESTAURANT;
   PROCESS; **VERBAL** ; INSTRUCTION; RECEIVE; **CUSTOMER** ; BASED; DISPLAY; SEAT
   ; CHART; SEAT; AVAILABLE; EVENT
Derwent Class: T01; T05; W04
International Patent Class (Main): G06F-017/60
File Segment: EPI

10/5/15   (Item 10 from file: 350)

013843654   **Image available**
WPI Acc No: 2001-327867/200134
XRPX Acc No: N01-235918
   Dynamical creation and management method of mutual relationship between

virtual visitor and virtual enterprise expert, involves creating unique
vertical visitation experience using software
Patent Assignee: RESPONSELOGIC INC (RESP-N); STERLING D (STER-I); DIGITAL
   CONNEXXIONS CORP (DIGI-N)
Inventor: STERLING D
Number of Countries: 095   Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200115041	A2	20010301	WO 2000US22788	A	20000818	200134	B
AU 200067884	A	20010319	AU 200067884	A	20000818	200136	
US 20020055833	A1	20020509	US 99150380	P	19990823	200235	
			US 2000477168	A	20000104		
			US 2001928956	A	20010813		
US 6466975	B1	20021015	US 99150380	P	19990823	200271	
			US 2000477168	A	20000104		
TW 495697	A	20020721	TW 2000116979	A	20000822	200329	

Priority Applications (No Type Date): US 2000477168 A 20000104; US 99150380
   P 19990823; US 2001928956 A 20010813
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200115041	A2	E	74	G06F-017/60	

   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
   KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
   RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200067884	A			G06F-017/60	Based on patent WO 200115041
US 20020055833	A1			G06F-009/45	Provisional application US 99150380
					Div ex application US 2000477168
US 6466975	B1			G06F-013/00	Provisional application US 99150380
TW 495697	A			G06F-017/60	

Abstract (Basic): WO 200115041 A2
      NOVELTY - Virtual population (22) comprising instances of semantic
   model being specific to real world populations are provided. Expert
   system software tailored to particular virtual population and effecting
   virtual enterprise expert are provided. Expert system software is
   applied to instance of semantic model to create unique virtual
   visitation experience.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
      (a) Dynamically creating and managing system;
      (b) Real-time dynamic marketing conducting system;
      (c) Information determining method;
      (d) Information determining system
      USE - For dynamically creating and managing mutual relationship
   between virtual visitor and virtual enterprise expert using electronic
   communication network such as Internet, protocol network, cable
   network, **kiosk** network, telephony network, satellite network, world
   wide web, private IP network, public IP network, etc.
      ADVANTAGE - Establishes mutual relationship between enterprise
   expert and virtual visitor. Develops and maintains mutual relationships
   based on relationship attributes through the personalization of
   visitation experience and allows user control over virtual
   representation. Includes the application of rules-based and expert
   systems **artificial intelligence** technology to computer driven
   network systems permitting the visitor to experience a personalized
   virtual visit to virtual place. Expert system technology focuses on
   emulating captured expert knowledge and reasoning rather than emulating

the brain. The visits permits the creation, management and fastening of virtual mutual relationship between visitor and electronic enterprise expert whereby the satisfaction of needs or interests can be fulfilled, in a similar manner, as ordinary **human** interaction occurs. By establishing virtual mutual relationship, meaningful interaction which is intended to emulate that one-on-one **human** interaction transpires.
    DESCRIPTION OF DRAWING(S) - The figure shows the schematic representation of electronic communication network.
    Virtual population (22)
    pp; 74 DwgNo 1/14
Title Terms: DYNAMIC; CREATION; MANAGEMENT; METHOD; MUTUAL; RELATED;
  VIRTUAL; VISIT; VIRTUAL; EXPERT; UNIQUE; VERTICAL; EXPERIENCE; SOFTWARE
Derwent Class: T01
International Patent Class (Main): G06F-009/45; G06F-013/00; G06F-017/60
File Segment: EPI

 10/5/16   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013717505   **Image available**
WPI Acc No: 2001-201729/200120
XRPX Acc No: N01-143820
  Controlling and processing a section of an interactive presentation simultaneously with detection of a stimulus event in a manner that overrides the process
Patent Assignee: COMPAQ COMPUTER CORP (COPQ)
Inventor: AVERY B L; CHRISTIAN A D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6163822	A	20001219	US 9870849	A	19980504	200120	B

Priority Applications (No Type Date): US 9870849 A 19980504
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6163822	A		15	G06F-013/00	

Abstract (Basic): US 6163822 A
  NOVELTY - A processing device (36), preferably a digital computer, processes input data from a touch-screen monitor (14), a video camera (16), a keyboard (32) and a microphone (34) and generates output data that are transmitted to the monitor and to a pair of **speakers** (20). The camera detects a **human** (22) in the vicinity of a **kiosk** (10) and activates the processing device to control the interactive display on the monitor.
  DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for apparatus for controlling an interactive presentation and for a computer-readable medium with a computer program.
  USE - Controlling an interactive presentation.
  ADVANTAGE - Efficient control of presentation.
  DESCRIPTION OF DRAWING(S) - The drawing shows a public **kiosk** with a touch-screen monitor according to the invention
    Processing device (36)
    Touch-screen monitor (14)
    Video camera (16)
    Keyboard (32)
    Microphone (34)
    Speakers (20)

Kiosk (10)
       pp; 15 DwgNo 1/4
Title Terms: CONTROL; PROCESS; SECTION; INTERACT; PRESENT; SIMULTANEOUS;
   DETECT; STIMULUS; EVENT; MANNER; OVERRIDE; PROCESS
Derwent Class: T01; T04; T05
International Patent Class (Main): G06F-013/00
International Patent Class (Additional): G06F-003/00
File Segment: EPI

 10/5/17   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013268779   **Image available**
WPI Acc No: 2000-440685/200038
XRPX Acc No: N00-328748
   **Information provision method responsive to question in one of multiple
   spoken languages, decides on an initial utterance by the** user **the
   language being spoken, and adjust language program accordingly**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: MARTINO M J; PAULSEN R C
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 6061646   A   20000509 US 97993606   A   19971218 200038 B

Priority Applications (No Type Date): US 97993606 A 19971218
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6061646   A   12 G06F-017/28

Abstract (Basic): US 6061646 A
       NOVELTY - A detected utterance is recognized with a speech
   recognition device with multiple small dictionaries corresponding to
   languages and which include speech data for selected few common words
   in the respective language. Based on the number of recognized words for
   each language from the small dictionaries, one of the languages is
   selected as the language of the detected utterance.
       DETAILED DESCRIPTION - The detected utterance is recognized using a
   large dictionary for the language of the detected utterance. The **user**
   .is responded in the selected language. INDEPENDENT CLAIMS are also
   included for the following:
       (a) an information provision system responsive to question in one
   of multiple spoken languages;
       (b) and a computer program for providing information in response to
   question in one of multiple spoken languages.
       USE - For natural language sensitive **kiosk** that accepts **verbal**
   input from **human** or machine in any of multiple languages, and
   responds to requests in natural language of inquiry.
       ADVANTAGE - Provides interface which is as seamless as possible to
   user while minimizing memory requirements. Provides aural response in
   natural language according to detected utterance in a supported natural
   language.
       DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the
   functional modules for implementing the information provision method.
       pp; 12 DwgNo 3/4
Title Terms: INFORMATION; PROVISION; METHOD; RESPOND; QUESTION; ONE;
   MULTIPLE; **SPEAKER** ; LANGUAGE; DECIDE; INITIAL; **USER** ; LANGUAGE;
   SPEAKER ; ADJUST; LANGUAGE; PROGRAM; ACCORD

Derwent Class: T01; W01; W04
International Patent Class (Main): G06F-017/28
International Patent Class (Additional): H04M-001/64
File Segment: EPI

 10/5/18   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012704980   **Image available**
WPI Acc No: 1999-511089/199943
XRAM Acc No: C99-149631
XRPX Acc No: N99-381087
  Fortune telling card - for constellation design cake
Patent Assignee: DOI N (DOIN-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 11215953   A   19990810 JP 9854072   A   19980130 199943 B

Priority Applications (No Type Date): JP 9854072 A 19980130
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
JP 11215953   A   5 A23G-003/00

Abstract (Basic): JP 11215953 A
      NOVELTY - The constellation fortune telling card is designed with
   each constellation (2) of 12 or 13, corresponding to changing months in
   a year.
      USE - For constellation design cakes in point-of-sales (**POS**)
   systems and mobile sales systems.
      ADVANTAGE - Improves **human** communication by **talking** together
   about the fortune estimation of the future of each other. DESCRIPTION
   OF DRAWING(S) - The figure shows the top view of the fortune telling
   card. (2) Constellation.
      Dwg.1/2
Title Terms: FORTUNE; CARD; DESIGN; CAKE
Derwent Class: D13; P36
International Patent Class (Main): A23G-003/00
International Patent Class (Additional): A63F-009/06
File Segment: CPI; EngPI

 10/5/19   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011937334   **Image available**
WPI Acc No: 1998-354244/199831
XRPX Acc No: N98-277370
  **Intercom apparatus for domestic use - includes human body detection
  unit which detects existence of human body based on which clock is
  operated**
Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10136107   A   19980522 JP 96289484   A   19961031 199831 B

Priority Applications (No Type Date): JP 96289484 A 19961031

Patent Details:
Patent No Kind Lan Pg   Main IPC ·   Filing Notes
JP 10136107   A   7 H04M-009/00

Abstract (Basic): JP 10136107 A
    The apparatus (A) has a memory unit (2c) for storing information. A
guidance control unit (2f) reads out the information from the memory to
an output unit. External output (8,10) are used to output information.
A transmission and reception unit (1) performs **talk** with other
stations. A **human** body detection unit (14) detects the existence of
human body near intercom apparatus.
    A timer (13) clocks the predetermined time. After the detection of
human body the clock is not operated and hence the detection unit
detects a **human** body even after the predetermined time. The
information is read out from memory unit and output through an external
output unit. A notebook memory (6) and registration unit (6a) **register**
a notebook message.
    ADVANTAGE - Ensures privacy in transmission of message. Receives
message even if location is not known.
    Dwg.1/2
Title Terms: INTERCOMMUNICATION; APPARATUS; DOMESTIC; **HUMAN** ; BODY; DETECT
  ; UNIT; DETECT; EXIST; **HUMAN** ; BODY;. BASED; CLOCK; OPERATE
Derwent Class:˙S04; W01
International Patent Class (Main): H04M-009/00
International Patent Class (Additional): G08B-025/04; H04M-001/02
File Segment: EPI

 10/5/20   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010378668   **Image available**
WPI Acc No: 1995-279982/199537
  Computerised fortune telling machine - has personal **computer to**
  register **player's profile and printer to print profile registration**
  information after matching with database
Patent Assignee: MIKAGE T (MIKA-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
JP 7178234   A   19950718 JP 93347774   A   19931224 199537 B

Priority Applications (No Type Date): JP 93347774 A 19931224
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 7178234   A   6 A63F-009/06

Abstract (Basic): JP 7178234 A
    The machine consists of a **personal** computer (12) with a video
camera (2), **speaker** (3) and a display (4). The player inputs his
profile into the profile information entry system. The profile is
registered with a code number. The processor matches the profile with
the database of profiles stored within and outputs the fortune
correspondent to the player's profile. The progress of the process is
viewed on the display and the results are printed on a printer (14).
    ADVANTAGE - Performs without **human** intervention.
    Dwg.2/10
Title Terms: COMPUTER; FORTUNE; MACHINE; **PERSON** ; COMPUTER; **REGISTER** ;
  PLAY; PROFILE; PRINT; PRINT; PROFILE; **REGISTER** ; INFORMATION; AFTER;

MATCH; DATABASE
Derwent Class: P36; P75; T01; T04; W04
International Patent Class (Main): A63F-009/06
International Patent Class (Additional): A63F-009/22; B41J-005/30
File Segment: EPI; EngPI

10/5/21   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

003994922
WPI Acc No: 1984-140465/198422
XRPX Acc No: N84-104217
  **Audio feedback suppressor for loudspeaker and microphone system -
  variably delays** speaker **signal in serial analog** register **having shift
  rate determined by pseudo-random code generator**
Patent Assignee: CINCINNATI ELTN COR (CINC-N)
Inventor: CLAYPOOLE G L; STEPP E D
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 4449237   A ·   19840515 US 82368463   A   19820414 198422 B

Priority Applications (No Type Date): US 82368463 A 19820414
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 4449237   A   6

Abstract (Basic): US 4449237 A
      The generator controls the shifting of signal components stored in
  a delay **register** having several cascaded stages. The generator
  produces a high frequency relative to the audio signal to control the
  shifting rate. Therefore frequency components introduced by the
  generator are sufficiently high that they cannot be heard by a **human**
  ear.
      The signals are shifted in a range of 20 to 50 KHz in response to
  the generator having an output sequence of 2 power 15 minus 1 bits. The
  generator is driven by a 100 KHz oscillator so that the phase of a
  variable frequency oscillator is shifted several times during each
  cycle.
      0/1
Title Terms: AUDIO; FEEDBACK; SUPPRESS; LOUDSPEAKER; MICROPHONE; SYSTEM;
  VARIABLE; DELAY; **SPEAKER** ; SIGNAL; SERIAL; ANALOGUE; **REGISTER** ; SHIFT;
  RATE; DETERMINE; PSEUDO; RANDOM; CODE; GENERATOR
Index Terms/Additional Words: **HOWLING**
Derwent Class: W04
International Patent Class (Additional): H04R-003/00
File Segment: EPI
?

```
Set      Items    Description
S1       132653   EPSS OR EXPERT()SYTEM? OR AI OR ARTIFICIAL()INTELLIGEN?
S2        49962   POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR
                  CHECK()OUT?
S3       489116   HUMAN?
S4       257893   VERBAL? OR SPEAK? OR TALK?
S5      2128510   CONSUMER? OR USER? OR BUYER? OR PARTICIPANT? OR CUSTOMER? -
                  OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR PERSON?
S6           19   S1 AND S2 AND S3
S7           12   S6 NOT PY>2000
S8           11   RD (unique items)
File     2:INSPEC 1898-2005/Nov W1
          (c) 2005 Institution of Electrical Engineers
File    35:Dissertation Abs Online 1861-2005/Oct
          (c) 2005 ProQuest Info&Learning
File    65:Inside Conferences 1993-2005/Nov W2
          (c) 2005 BLDSC all rts. reserv.
File    99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
          (c) 2005 The HW Wilson Co.
File   474:New York Times Abs 1969-2005/Nov 16
          (c) 2005 The New York Times
File   475:Wall Street Journal Abs 1973-2005/Nov 16
          (c) 2005 The New York Times
File   583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
File   256:TecInfoSource 82-2005/Feb
          (c) 2005 Info.Sources Inc
```

8/5/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

07957652   INSPEC Abstract Number: C2001-07-6180N-036
  Title: Multimodal speaker detection using input/output dynamic Bayesian
networks
  Author(s): Pavlovic, V.; Garg, A.; Rehg, J.M.
  Author Affiliation: Compaq Cambridge Res. Lab., Cambridge, MA, USA
  Conference Title: Advances in Multimodal Interfaces-ICMI 2000. Third
International Conference (Lecture Notes in Computer Science Vol.1948)   p.
308-16
  Editor(s): Tan, T.; Shi, Y.; Gao, W.
  Publisher: Springer Verlag, Berlin, Germany
  Publication Date: 2000   Country of Publication: Germany   xv+678 pp.
  ISBN: 3 540 41180 1   Material Identity Number: XX-2001-00248
  Conference Title: Advances in Multimodal Interfaces - ICMI 2000. Third
International Conference. Proceedings
  Conference Date: 14-16 Oct. 2000   Conference Location: Beijing, China
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Practical (P)
  Abstract: Inferring users' actions and intentions forms an integral part
of the design and development of any **human** -computer interface. The
presence of noisy and at times ambiguous sensory data makes this problem
challenging. We formulate a framework for temporal fusion of multiple
sensors using input-output dynamic Bayesian networks (IODBNs). We find that
contextual information about the state of the computer interface, used as
an input to the DBN, and sensor distributions learned from data are crucial
for good detection performance. Nevertheless, classical DBN learning
methods can cause such models to fail when the data exhibits complex
behavior. To further improve the detection rate we formulate an
error-feedback learning strategy for DBNs. We apply this framework to the
problem of audio/visual speaker detection in an interactive **kiosk**
application using "off-the-shelf" visual and audio sensors (face, skin,
texture, mouth motion, and silence detectors). Detection results obtained
in this setup demonstrate numerous benefits of our learning-based
framework. (10 Refs)
  Subfile: C
  Descriptors: belief networks; learning (**artificial   intelligence**);
sensor fusion; speech processing; speech-based user interfaces
  Identifiers: multimodal speaker detection; input/output dynamic Bayesian
networks; **human** -computer interface; ambiguous sensory data; temporal
fusion; multiple sensors; IODBN; contextual information; DBN learning
methods; error-feedback learning strategy; audio/visual speaker detection;
interactive **kiosk**
  Class Codes: C6180N (Natural language processing); C6170K (Knowledge
engineering techniques); C5260A (Sensor fusion); C5260S (Speech processing
techniques)
  Copyright 2001, IEE

8/5/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

06118373   INSPEC Abstract Number: C9601-7420-011
  Title: Natural language front end to test systems
  Author(s): Garbajosa, J.; Tejedor, O.; Wolff, M.
  Author Affiliation: GMV S.A., Tres Cantos, Spain
  Conference Title: Artificial Intelligence in Real Time Control 1994   p.

261-7
Editor(s): Crespo, A.
Publisher: Pergamon, Oxford, UK
Publication Date: 1995   Country of Publication: UK   xii+390 pp.
Conference Title: Proceedings of Symposium on Artificial Intelligence in Real Time Control
Conference Sponsor: IFAC; IFIP; IMACS
Conference Date: 3-5 Oct. 1994   Conference Location: Valencia, Spain
Language: English   Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: Current verification tools for critical systems require the test engineers to be fully acquainted with several areas such as the physical systems for which the tests are being defined, and programming techniques, since engineering concepts are very far from computing. The implementation of front end tools enabled to accept tests described in natural language and graphics may help to reduce this distance. The research work described encompasses an approach that takes advantage of technologies such as **artificial intelligence** (**AI**), advanced object databases and graphics and in particular, natural language processing (NLP), in order to obtain a new generation of test definition tools that work as an automatic front end to the test procedure definition task. The domain chosen is satellite (S/T) **check out** activities-especially those comprising flight control activities. (18 Refs)

Subfile: C
Descriptors: aerospace control; artificial satellites; automatic test software; **human** factors; interactive systems; knowledge based systems; natural language interfaces; object-oriented databases
Identifiers: natural language front end; test systems; verification tools ; critical systems; test engineers; front end tools; man machine interface; object oriented representation; knowledge based representation; knowledge interchange; flight test procedures; advanced object databases; natural language processing; test definition tools; automatic front end; test procedure definition task; satellite **check out** activities; flight control activities
Class Codes: C7420 (Control engineering computing); C7460 (Aerospace engineering computing); C3360L (Aerospace control); C6180N (Natural language processing); C6170K (Knowledge engineering techniques); C6160J (Object-oriented databases); C7410H (Computerised instrumentation)

8/5/3   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

06027325   INSPEC Abstract Number: B9510-6140C-125, C9510-5260B-047
Title: Human face recognition using neural networks
Author(s): Ahmad Fadzil, M.H.; Abu Bakar, H.
Author Affiliation: Sch. of Electr. & Electron. Eng., Sains Malaysia Univ., Perak, Malaysia
Conference Title: Proceedings ICIP-94 (Cat. No.94CH35708)   Part vol.3 p.936-9 vol.3
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA
Publication Date: 1994 Country of Publication: USA   3 vol. (liii+992+1064+1050) pp.
ISBN: 0 8186 6952 7
U.S. Copyright Clearance Center Code: 0 8186 6950 0/94/$4.00
Conference Title: Proceedings of 1st International Conference on Image Processing
Conference Sponsor: IEEE Signal Process. Soc
Conference Date: 13-16 Nov. 1994   Conference Location: Austin, TX, USA

Language: English   Document Type: Conference Paper (PA)
Treatment: Theoretical (T); Experimental (X)

Abstract: The paper describes the development of a **human** face
recognition system (HFRS) using multilayer perceptron artificial neural
networks (MLP). The MLP network is trained with a set of face images until
it is in a "learned" state. The network is capable of classifying the face
input into its class. In the case of the subject face is not one of those
trained, the network will **register** it as unknown. The system, which takes
the face image input from video camera, is also developed to detect the
presence of an object in front of the camera and to search for the **human**
facial area automatically. The detected facial area is then used as the
inputs to the neural network to perform recognition. (14 Refs)

Subfile: B C
Descriptors: face recognition; image classification; image recognition;
learning (**artificial**   **intelligence**); multilayer perceptrons
Identifiers: neural networks; **human** face recognition system; multilayer
perceptron artificial neural networks; MLP network; classification; face
image; **human** facial area
Class Codes: B6140C (Optical information, image and video signal
processing); C5260B (Computer vision and image processing techniques);
C5290 (Neural computing techniques)

8/5/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC

05011152   INSPEC Abstract Number: C91067375
 Title: Artificial   intelligence **in the Core project**
 Author(s): Simonian, R.
 Author Affiliation: Harris Space Syst. Corp., Rockledge, FL, USA
 Conference Title: Southcon/90 Conference Record   p.415-18
 Publisher: Electr. Conventions Manage, Ventura, CA, USA
 Publication Date: 1990 Country of Publication: USA   xiv+497 pp.
 Conference Sponsor: IEEE; ERA
 Conference Date: 20-22 March 1990   Conference Location: Orlando, FL,
USA
 Language: English   Document Type: Conference Paper (PA)
 Treatment: Applications (A); General, Review (G)

Abstract: The Core project for Kennedy Space Center consists of a complex
network of integrated subsystems. Together, these subsystems will provide a
powerful, long-term test and **check** - **out** facility for the Space Shuttle
and the Space Station Freedom Program. Core presents many technological
challenges for both hardware and software development. In this diverse,
real-time environment, several tasks have been identified which typically
require in-depth **human** -level expertise, and which could be augmented with
 artificial   **intelligence** . This paper describes Harris' approach towards
using **AI** in Core for fault detection, isolation, and recovery (FDIR),
resource allocation, resource configuration, and CAD conversion. (3 Refs)

Subfile: C
Descriptors: aerospace computing; **artificial**   **intelligence** ; expert
systems
Identifiers: fault recovery; Core project; Kennedy Space Center; network
of integrated subsystems; **check** - **out** facility; Space Shuttle; Space
Station Freedom Program; real-time environment; **human** -level expertise;
 artificial   **intelligence** ; fault detection; isolation; recovery; FDIR;
resource allocation; resource configuration; CAD conversion
Class Codes: C1230 (Artificial intelligence); C6170 (Expert systems);
C7460 (Aerospace engineering)

8/5/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC

04619125   INSPEC Abstract Number: D90001374
   Title: **Expert systems gain expertise: at Publix, AI broadens knowledge base**
   Journal: Chain Store Age Executive   vol.66, no.3   p.51-3, 57
   Publication Date: March 1990 Country of Publication: USA
   CODEN: COMLEF ISSN: 0193-1199
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Practical (P)
   Abstract: Expert systems don't become expert overnight. Like **humans** , they require time and experience to form a knowledge base large and accurate enough to consistently solve problems. This is what Publix Super Markets, Lakeland, Fla., found when it began setting up an expert system to assist the help desk staff of its data processing department. The help desk employees-who answer telephone queries about data processing-related problems throughout the company-themselves needed help understanding the intricacies of a new **point** -of- **sale** system that was being tested in several Publix stores. (0 Refs)
   Subfile: D
   Descriptors: expert systems; retailing
   Identifiers: knowledge base; Publix Super Markets; expert system; help desk employees
   Class Codes: D2140 (Marketing, retailing and distribution)

8/5/6   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC

03797891   INSPEC Abstract Number: C87007564
   Title: **Automation in retail: effects on consumer and store personnel**
   Author(s): Hoffman, M.S.
   Author Affiliation: NCR Corp., Cambridge, OH, USA
   Conference Title: Human Factors in Organizational Design and Management - II. Proceedings of the Second Symposium   p.169-73
   Editor(s): Brown, O., Jr.; Hendrick, H.W.
   Publisher: North-Holland, Amsterdam, Netherlands
   Publication Date: 1986 Country of Publication: Netherlands   xx+696 pp.
   ISBN: 0 444 70076 5
   Conference Sponsor: Human Factors Soc.; Japan Ergonomics Res. Soc.; Human Factors Assoc. Canada; et al
   Conference Date: 19-21 Aug. 1986   Conference Location: Vancouver, BC, Canada
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)
   Abstract: Automation in retail business equipment has provided various management tools for measuring the company's performance. The introduction of computer based **Point** -Of- **Sale** terminal systems has created large data

bases of sales information; these have often been too voluminous for in-store personnel to use. Next-generation computer architecture will have the capability to control user interfaces to communicate valuable complex interrelationships using the daily sales productivity data. Advancements in **artificial intelligence** and microelectronics will provide many challenging opportunities for the **human** factors professional/ergonomics

specialist to explore the techniques for introducing this new equipment into the marketplace. (6 Refs)
   Subfile: C
   Descriptors: ergonomics; **human** factors; man-machine systems
   Identifiers: automation; retail business equipment; management tools; computer based **Point** -Of- **Sale** terminal systems; user interfaces; **artificial** **intelligence** ; microelectronics; **human** factors; ergonomics
   Class Codes: C7180 (Retailing and distribution)

   8/5/7   (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01756412 ORDER NO: AADAA-I9980834
Generating documents by means of computational registers
   Author: Oldham, Joseph Dowell
   Degree: Ph.D.
   Year: 2000
   Corporate Source/Institution: University of Kentucky (0102)
   Director: Victor Marek
   Source: VOLUME 61/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
         PAGE 3696. 169 PAGES
   Descriptors: COMPUTER SCIENCE ; **ARTIFICIAL** **INTELLIGENCE**
   Descriptor Codes: 0984; 0800
   ISBN: 0-599-86999-2

      Software is often capable of efficiently storing and managing data on computers. However, even software systems that store and manage data efficiently often do an inadequate job of presenting data to users. A prototypical example is the display of raw data in the tabular results of SQL queries. Users may need a presentation that is sensitive to data values and sensitive to domain conventions. One way to enhance presentation is to generate documents that correctly convey the data to users, taking into account the needs of the user and the values in the data.
      I have designed and implemented a Software approach to generating **human** -readable documents in a variety of domains. The software to generate a document is called a <italic>computational **register** </italic>, or " **register** " for short. A <italic> **register** system</italic> is a software package for authoring and managing individual registers. Registers generating documents in various domains may be managed by one **register** system. In this thesis I describe computational registers at an architectural level and discuss registers as implemented in DEXTER, my **register** system. Input to DEXTER registers is a set of SQL query results. DEXTER registers use a rule-based approach to create a document outline from the input. A **register** creates the output document by using flexible templates to express the document outline.
      The **register** approach is unique in several ways. Content determination and structural planning are carried out sequentially rather than simultaneously. Content planning itself is broken down into data re-representation followed by content selection. No advanced linguistic knowledge is required to understand the approach. **Register** authoring follows a course very similar to writing a single document. The internal data representation and content planning steps approaches, to render the final document computational registers are applicable in a variety of domains. What registers can be written is restricted not by domain, but by the original data representation. Finally, DEXTER shows that a single software suite can assist in authoring and managing a variety of registers.

8/5/8   (Item 2 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01336384   ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
AUTOMATIC HIGH-LEVEL SYNTHESIS BASED UPON ARTIFICIAL   INTELLIGENCE
TECHNIQUES
   Author: BEIKZADEH, MOHAMMAD REZA
   Degree: PH.D.
   Year: 1992
   Corporate Source/Institution: UNIVERSITY OF ESSEX (UNITED KINGDOM) (0873
)
   Source: VOLUME 55/01-C OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 260.
   Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL
   Descriptor Codes: 0544

     High-level synthesis is based upon the task of transforming a
behavioural description into a **register** transfer structure which
implements a specified behaviour while meeting a number of design
constraints, such as desired speed and available hardware. Usually there
are many different structures within the design space that can realise a
given behaviour and, in order to find an optimal structure, the design
space must be searched and examined.
     An integrated, domain-independent hierarchical system is presented in
this thesis is order to carry out the High-Level Synthesis task
automatically. In order to mimic a model of the **human** design behaviour, a
number of **artificial   intelligence** techniques are utilized to form this
system. A blackboard architecture is used for the organisation of various
knowledge sources in the system structure. Planning and meta-planning
concepts are adopted for the realisation of the subtasks, which are the
design process control and the generation of the internal representation.
     The internal representation is based upon an abstract hardware
structure model and the application of interval temporal logic. These
models enable the system to both represent the entire design space and to
define various constraints on it. The automatic generation of the optimal
design is carried out by pruning the design space during the constraint
imposition and the optimisation processes. This approach allows an optimal
design to be found by logical reasoning rather than carrying out an
exhaustive search of the design space.
     In order to illustrate the system realisation, a number of rules of
this rule-based Prolog system are presented in this thesis together with a
discussion about the system performance via a number of examples.

8/5/9   (Item 3 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01218775   ORDER NO: AAD92-13519
AN AUTOMATED SYSTEM FOR THREE-DIMENSIONAL REGISTRATION OF MEDICAL IMAGES
   Author: NEIW, HAN-MIN
   Degree: PH.D.
   Year: 1991
   Corporate Source/Institution: NORTHWESTERN UNIVERSITY (0163)
   Adviser: WEI-CHUNG LIN
   Source: VOLUME 52/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 6507. 163 PAGES
   Descriptors: COMPUTER SCIENCE; **ARTIFICIAL   INTELLIGENCE** ; HEALTH
            SCIENCES, RADIOLOGY

Descriptor Codes: 0984; 0800; 0574

    In this dissertation, we develop an automated three-dimensional (3-D)
medical image registration system. Registration is an image analysis
technique that integrates anatomical and/or functional information from
images acquired by different modalities or at different times for the
improvement of medical diagnosis and treatment.
    Our proposed system is a surface fitting based system with accuracy on
the order of the image pixel sizes. The surface fitting technique extracts
the external surface contours of two or more sets of images, and employs an
optimization scheme to fit the contour sets together. The proposed
automated system contains three main subsystems for automated contour
extraction, surface model matching, and reformatting correlated images,
respectively. Our system has eliminated the heavy **human** expert
involvement previously required in all of the image registration systems.
In the contour extraction phase, algorithms equipped with domain-specific
knowledge are able to extract the external surface contours of various
brain images without any assistance from **human** . In the surface model
matching phase, our system has the ability to circumvent the local minimum
problem encountered quite frequently in many optimization problems.
Moreover, we have added a final matching step to fine-tune the results from
an initial matching step. The error measurement in the final matching phase
is the most accurate measurement available and it is therefore more
effective in guiding the optimization process. In our system, there is no
need for special clinical procedure and external devices during image
acquisition, as such images obtained from routine clinical practice can be
used directly for registration. Our system also has the ability to handle
non-completely overlapping scans, as such images with different scanning
orientations (axial, sagittal, or coronal) can be registered in a
homogeneous manner without special **human** assistance.
    Our system has been successfully applied to **register** images acquired
from X-ray computed tomography (CT), magnetic resonance imaging (MRI), and
positron emission tomography (PET). This system is expected to facilitate
the process of employing accurately correlated medical images for medical
treatment and diagnosis.

 8/5/10   (Item 4 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01145507 ORDER NO: AAD91-07215
AUTOMATIC FEATURE EXTRACTION FOR MAP REVISION (FEATURE EXTRACTION)
  Author: MURAKAMI, HIROSHI
  Degree: PH.D.
  Year: 1990
  Corporate Source/Institution: UNIVERSITY OF GEORGIA (0077)
  Director: ROY A. WELCH
  Source: VOLUME 51/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
         PAGE 3489. 257 PAGES
  Descriptors: GEOGRAPHY, SOCIAL; COMPUTER SCIENCE; **ARTIFICIAL
                INTELLIGENCE**
  Descriptor Codes: 0366; 0984; 0800

    Automatic feature extraction techniques were developed for use with
digital images and map data to assess the feasibility of employing expert
systems for map revision. Three urban test areas were selected and SPOT
images, aerial photographs, map separates, and printed map sheets acquired.
The aerial photographs and map separates was digitized in faster format
with a video camera and a linear array scanner, whereas the printed map was
manually digitized to create computer files in vector format. All the

digital images were then rectified to the UTM coordinate system using a
computer-based polynomial rectification algorithm. The resulting map and
image files were placed in **register** to create a cartographic database
suitable for use with a prototype expert system optimized for the
extraction of building features.
      Input images were segmented with the region growing method using
optimum threshold values derived from map data. Twenty descriptors of
shape, size, and tone such as area and elongatedness were calculated for
each of the segmented regions. A rule-based expert system was developed to
classify the segmented regions using these descriptors. The expert system
was also designed to direct the image processing routines with specific
instructions ("how to analyze") applied to focused areas ("where to look")
in the iteration process.
      The map data were useful for determining initial parameter values for
image processing and for change detection of existing features. An expert
system approach permitted control of the iterations required for feature
extraction and the refinement of threshold values.
      The accuracy of feature extraction increased as the image pixel
resolution was improved. In order to realize feature extraction results
comparable to those achieved by **human** interpreters, digital images must
be resampled to pixel resolutions of one-half to one-fourth the original
pixel dimension. Thus, data volume may need to be expanded by 4 to 16 times
to accommodate automatic feature extraction techniques for map revision.

      8/5/11   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

05182341
Foiling the forgers
  UK - CREDIT CARD TRANSACTION VALIDATION PROFILED
Financial Times (C) 1992 (FT)   9 July 1992 p16

Retailers and banks have adopted varying methods of validating credit card
transactions in different parts of the world. All, however, address the
universal problem of growing credit card fraud. Losses from card fraud have
risen alarmingly over the past two years. Visa International measured fraud
and counterfeit losses on its credit cards last year at Dollars 623.4m, up
52 per cent from 1990. In the UK, the Home Office estimates card fraud cost
Pounds 165m last year, up from Pounds 150.3m in 1990. Technology is widely
seen as the chief weapon in the fight against card cheats, but applications
must take account of regional differences. Automated signature verification
holds greater promise in markets where credit card signatures are routinely·
checked, whereas in the US, the process would have to be disguised to make
it acceptable to cardholders, who see this type of authorisation as an
insult to their integrity. AEA Technology, a unit of the former Atomic
Energy Authority, has developed a signature verification system based upon
a 'neural network' - an array of computing elements that mimics the thought
processes of the **human** mind. Rather than simply analysing elements of the
signature, like a conventional computer system, the 'Harwell Countermatch'
also views the signature as a whole in the way as a person might get an
overall impression of its appearance. The signature is mapped against a
sample which can be recorded on the magnetic strip or semiconductor memory
in a credit card. The AEA system overcomes one of the drawback's of
automatic signature verification by learning as it goes and picking up on
the natural variations in a signature. So the accuracy of the system
improves. Barclaycard, the largest issuer of credit cards in the UK, is
testing signature verification, voice recognition and fingerprint matching.
All are seen as long-term ways to avoid credit card fraud at the **point** of
 sale   . Nobody in the credit card industry sees signature verification as

the sole solution to credit card fraud and there is a broad consensus that the focus of prevention must move away from the **point** of **sale** toward authorisation networks. The UK's high telecommunications costs are therefore a serious drawback, inhibiting merchants and bankers from accessing remote data processing centers.**

COMPANY: AEA TECHNOLOGY

PRODUCT: Data Processing in Retail Sector (7374RT); Computer Services (
COSV); Electronic Banking Services (6005); Computer & Data Security
     Software (7372CD); Computer Software (COSW); **Artificial   Intelligence**
     Software (7372AI);
EVENT: MARKET & INDUSTRY NEWS (60); PRODUCT DESIGN & DEVELOPMENT (33);
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic
     Community Countries (419); NATO Countries (420); South East Asia Treaty
     Organisation (913);
?

```
Set      Items    Description
S1      152057    EXPERT()SYTEM? ? OR AI OR ARTIFICIAL()INTELLIGEN?
S2     1863026    POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR
                  CHECK()OUT?
S3     6241222    HUMAN?
S4    12250830    VERBAL? OR SPEAK? OR TALK? OR SPEECH? OR VOICE? ?
S5     1081005    S4(7N)(CONSUMER? OR USER? OR BUYER? OR PARTICIPANT? OR CUS-
                  TOMER? OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR -
                  PERSON?)
S6        9146    S1(S)S4
S7          56    S6(S)S2
S8          25    S7 NOT PY>2000
S9          19    RD (unique items)
File    9:Business & Industry(R)  Jul/1994-2005/Nov 15
           (c) 2005  The Gale Group
File   15:ABI/Inform(R) 1971-2005/Nov 16
           (c) 2005 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2005/Nov 16
           (c) 2005 The Gale Group
File  148:Gale Group Trade & Industry DB 1976-2005/Nov 16
           (c)2005 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
           (c) 1999 The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2005/Nov 15
           (c) 2005 The Gale Group
File  621:Gale Group New Prod.Annou.(R) 1985-2005/Nov 16
           (c) 2005 The Gale Group
File  636:Gale Group Newsletter DB(TM) 1987-2005/Nov 16
           (c) 2005 The Gale Group
File   20:Dialog Global Reporter 1997-2005/Nov 16
           (c) 2005 Dialog
File  476:Financial Times Fulltext 1982-2005/Nov 17
           (c) 2005 Financial Times Ltd
File  610:Business Wire 1999-2005/Nov 16
           (c) 2005 Business Wire.
File  613:PR Newswire 1999-2005/Nov 16
           (c) 2005 PR Newswire Association Inc
File  624:McGraw-Hill Publications 1985-2005/Nov 16
           (c) 2005 McGraw-Hill Co. Inc
File  634:San Jose Mercury  Jun 1985-2005/Nov 15
           (c) 2005 San Jose Mercury News
File  810:Business Wire 1986-1999/Feb 28
           (c) 1999 Business Wire
File  813:PR Newswire 1987-1999/Apr 30
           (c) 1999 PR Newswire Association Inc
```

9/3,K/1   (Item 1 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01477648 01-28636
Health care information systems
Raghupathi, W
Communications of the ACM v40n8 PP: 80-82 Aug 1997
ISSN: 0001-0782   JRNL CODE: ACM
WORD COUNT: 1032

...TEXT: Practitioners and researchers in this multidisciplinary field are
examining a range of potential applications, from **AI** to total quality
management principles to health care. These include electronic systems for
claims processing...

...scan documents as part of the move toward a paperless environment;
multimedia technology incorporating data, **voices** , and images for
educational/training of physicians, patients, and remote diagnostics;
speech recognition in transcription; robots in surgery; and **kiosks** for
presenting health information to consumers and employees. In addition,
hospital information systems are also...

9/3,K/2   (Item 2 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00901799 95-51191
The race ahead
Raines, Franklin D
Mortgage Banking v54n11 PP: 38-46 Aug 1994
ISSN: 0730-0212   JRNL CODE: MOB
WORD COUNT: 3345

...TEXT: the time and expense associated with originations. For example,
technological innovations such as laptops with **voice** recognition,
palmtops and **artificial** **intelligence** will give lenders the **point** -of-
sale tools needed to originate loans, providing superior service to that
available today. **Artificial** **intelligence** -based underwriting systems
will help facilitate and speed underwriting decisions.

Industry networks using electronic data...

9/3,K/3   (Item 1 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06924463   Supplier Number: 58450887 (USE FORMAT 7 FOR FULLTEXT)
**Raising the 'steaks' in the millennium: Better technology is a virtual
  reality.(Statistical Data Included)**
Liddle, Alan
Nation's Restaurant News, v33, n51, p63
Dec 20, 1999
Language: English   Record Type: Fulltext
Article Type: Statistical Data Included
Document Type: Magazine/Journal; Trade
Word Count: 1881

...   nutrient needs of each patron, taking into account allergies and seasoning preferences, among other things.
     * **Voice** -recognition technology and **artificial**   **intelligence** will make person-to-person order taking and **point** -of- **sale** systems seem "primitive." However, "remote order workers may converse in realtime (with guests) about new...

  9/3,K/4   **(Item 2 from file: 16)**
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04645420   Supplier Number: 46834332
A world of cool companies.
Fortune, p162
Oct 28, 1996
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...viewing the untapped Chinese market, is moving ahead with a pager that can receive short **voice** messages in Chinese and hold them for longer than the standard 20-second duration. Knowledge Engineering of Singapore is focused on supplying **artificial**   **intelligence** for managing factory production and transportation. Varitronix of Hong Kong has thrived by providing custom...

...them. Adroit International of Singapore has made a business out of custom-designed interactive street **kiosks** that have both sound and video. Plustek of Taiwan is a leading-edge manufacturer of...

  9/3,K/5   **(Item 3 from file: 16)**
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01152828   Supplier Number: 41309797
Digital Phone Geared for Small Offices
Office Equipment & Products, p22
May, 1990
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...16 extensions and 6 office lines. Some of the functions included on the phone include **speech** recognition dial, automatic answering, last number redial and **artificial**   **intelligence** dial **register** function.   ...

  9/3,K/6   **(Item 1 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09234185   SUPPLIER NUMBER: 19064924   (USE FORMAT 7 OR 9 FOR FULL TEXT)
THE DIGERATI - CONVERSATIONS WITH THE "CYBER ELITE".
Computergram International, n3088, pCGN01290020
Jan 29, 1997
ISSN: 0268-716X   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 984   LINE COUNT: 00078

...   Gelernter, 'The Conservative,' a Yale University computer scientist
specialising in the field of third generation **artificial   intelligence**
and author of the parallel programming language Linda. "I have a feeling
that Bill Gates...

  9/3,K/7   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06735795   SUPPLIER NUMBER: 14513289   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Read this, Al Gore. (Tulare County social services automates) (included
   related article on how Tulare County developed its human services
   automation system) (Forbes ASAP: A Technology Supplement)
Freedman, David H.
Forbes, v152, n10, pS151(4)
Oct 25, 1993
ISSN: 0015-6914   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2263   LINE COUNT: 00173

...   room could pass for an adult video arcade or a state-of-the-art
information **kiosk** at a theme park. Casually and colorfully dressed people
are parked alone or in pairs...

...says cowboy-booted deputy county executive Gerard Kersten,
uncharacteristically lapsing into a bit of bureaucrat- **speak** . "And this is
it."
     Welfare is not the only thing that's gone high-tech...through the
process in English or Spanish, the applicant touches the screen to respond.
An **artificial   intelligence** program monitors the responses to determine
which questions to skip (for example, men won't...

  9/3,K/8   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04541506   SUPPLIER NUMBER: 08243584   (USE FORMAT 7 OR 9 FOR FULL TEXT)
A battle of boards. (comparison of graphics boards)
Robinson, Phillip
Computer Graphics World, v13, n3, p97(3)
March, 1990
ISSN: 0271-4159   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2085   LINE COUNT: 00162

...   performance advantage of offering direct register access to
programs.
     TIGA supporters, however, jump on such **talk** about maintaining **AI**
compatibility as whistling past the graveyard because it ignores the
performance hit that falling back to **AI** compatibility would entail. As
HP's Joe DeWeese puts it, "8514 performance is questionable, unless one
resorts to writing applications to the **register** level."
     That fact, says TIGA supporters, puts software vendors in a tough
position. According to...

  9/3,K/9   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01358808   SUPPLIER NUMBER: 08263194   (USE FORMAT 7 OR 9 FOR FULL TEXT)
TIGA and 8414/A vie for dominance in PC graphics. (programmable processors
  and standard software interface)
Bond, John
Computer Design, v29, n5, p55(5)
March 1, 1990
ISSN: 0010-4566   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3134   LINE COUNT: 00246

...   But TI's Huckabee feels that it has caused some confusion. "When
companies developing clones **talk** about compatibility they mean **AI**
compatibility, but when they discuss performance they mean hardware
register performance," says Huckabee. "But not many software packages run
through the hardware registers today. So...   .

 9/3,K/10   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01174450   SUPPLIER NUMBER: 04315045
Artificial intelligence conference tries new format.
Williamson, Mickey
PC Week, v3, n30, p95(2)
July 29, 1986
ISSN: 0740-1604   LANGUAGE: ENGLISH   RECORD TYPE: ABSTRACT

ABSTRACT: The Fifth National Conference of the American Association for
Artificial   Intelligence (AAAI) will be held in mid-August 1986 in
Philadelphia, Pennsylvania, with support from business...

...and the last two days will emphasize expert-system and natural-language
applications. Plenary sessions, **speeches** and awards, and the opinions of
experts on **artificial - intelligence** topics will be covered on the day in
between. Conference organizers believe that because the...

...this year rather than in Los Angeles as in 1985, a number of attendees
will **register** at the door for only those parts of the proceedings of
direct interest to them...

 9/3,K/11   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03856507   Supplier Number: 48394257   (USE FORMAT 7 FOR FULLTEXT)
Labeling: EU, FDA part ways on label harmonization-HLI may add to criteria
  patchwork (Part 1 of 2)
Medical Device Approval Letter, pN/A
April 1, 1998
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 5355

...   product review process.@ The company and reviewer were not named.
Burlington admitted that HIMA has **voiced** serious concerns about the new
labeling guidance, and because of this, Awe're spending a...

...symbols to help unsnarl the patchwork of labeling requirements around
the world. But Tandy said: **AI** 've gotten conflicting views on whether FDA

will accept it or not.@ She said that...

...as is. MRA FR notice scheduled and will be signed on May 18 The Federal **Register** notice outlining the EU-U.S. mutual recognition agreement (MRA) will be published on April 10 or 11, a HIMA representative said in an April 3 inter-view. **AI** can say this with much confidence. A high-ranking FDA official has told me that the MRA Federal **Register** announcement will be on those dates,@ Donna Slingluff, of the Associa-tion's international relations...

...been publically discussed already, for example, third party reviews.@ FDA will issue another MRA Federal **Register** announcement on May 20, which, Slingluff said, will include: The Center's criteria for EU...

...of eligible Class II devices for third party review. However, Spyker said in the interview: **AI** think that it would be highly unlikely that we would not accept any widely-used...

...exclamation point is generally accepted as a symbol for warnings, and is not accompanied with **verbal** explanations. AThe use of a symbol without text is fine if that symbol is widely...

...Advancement of Medical Instrumentation (AAMI) standards conference in McLean, VA, March 5. There also is **talk** that medical devices could be exempt from the entire metric vs. non-metric unit problem...

 9/3,K/12   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03460357   Supplier Number: 47130779   (USE FORMAT 7 FOR FULLTEXT)
WRAP UPS: The Institute for International Research
Corporate Financing Week, v23, n6, pN/A
Feb 17, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Professional Trade
Word Count: 95

    (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...conference in New York City at the Marriott East Side Hotel March 24-26. Featured **speakers** include **AI** Huston, project finance director at AT&T Corp., and Stephanie Cuskley, managing director in Chase...

...well as the latest information on legal and regulatory issues for international telecom projects. To **register** for the conference, call (800) 999-3123.

 9/3,K/13   (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

23166299
Beyond the Banner Ad
Leslie Walker
NEWSBYTES
August 31, 2000
JOURNAL CODE: FNEW   LANGUAGE: English   RECORD TYPE: FULLTEXT

WORD COUNT: 1333

... One company working on a one-to-many approach is Alexandria-based YellowBrix, which uses **artificial intelligence** to analyze words and phrases in articles and pages surrounding each ad hole. It infers...

... unusual are the "banner bots" from Artificial Life Inc. The Boston firm this month released **artificial - intelligence** software allowing companies to create animated robots inside banner ads. "Companies can have branded characters like Mickey Mouse that you can **talk** to," says chief executive Eberhard Schoneburg.The cartoonish characters are programmed to give elaborate responses...

9/3,K/14   (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

10190881
Camden Technology Conference 2000 To Host Discussion of Technology's Impact on Being Human
PR NEWSWIRE
March 22, 2000
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 300

... 27-29, 2000 Where: Camden Opera House; Camden, Maine How: Call (207) 230-2425 to **register** . The registration rate for the three-day conference is $995 with an early bird rate...

9/3,K/15   (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

04486236   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Rob Grimes of CynterCorp to Deliver Keynote Address At the Store Automation Show in Japan
PR NEWSWIRE
March 01, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 345

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... emerging global retail applications including self-checkout, document management, smart cards, ERP, voice recognition, biometrics, **artificial intelligence** , plannogramming and electronic shelf labeling. Grimes also recently served as a moderator for a two...

9/3,K/16   (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

01990028
Adacel Technologies Limited
ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (SHARES) , p12
February 01, 1998
JOURNAL CODE: WSHA   LANGUAGE: English   RECORD TYPE: ABSTRACT

WORD COUNT: 102

   Abstracted from: Shares
   Adacel Technologies (**AI**), a leading Australian specialist in software engineering and multimedia systems, is raising $A7.5 million through the offer of 7.5 million shares at $A1 each. **AI** supplies customers in the transport, defence, telecommunications, corporate and government sectors. **AI** is involved in the Jindalee Over the Horizon Radar Network, the Telstra electronic white pages...

... CD RON-based white pages, 3D animations for medical and drug awareness applications, an interactive **voice** recognition demonstrator and the prototype of the "banking **kiosk** ". Net profit after tax for 1997-98 is forecast at $A0.083 a share but...

  9/3,K/17   (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

01556004   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Indy Mac Starts Direct Lending with Gallagher Financial Systems
BUSINESS WIRE
May 06, 1998   7:17
JOURNAL CODE: WBWE   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 813

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

...   particular niches in the market place. Part of the success of Gallagher Millennium is our **AI** engine, which gives clients the flexibility to structure their lending system any way they want...

... LoanWorks direct retail lending operation, Indy Mac is configuring the GFS system for installing video **kiosks** in new tract home developments using Intel's ProShare software. Prospective homebuyers can look at a model home, sit down at the video terminal and **talk** directly with an underwriter. Applications and financial information can be exchanged over a phone line...

...among various loan products, resulting in an immediate decision from the underwriter. LoanWorks uses the **AI** engine to control all of its pricing data. **AI** creates profiles on which the lender bases its pricing. It displays loans with a particular...

  9/3,K/18   (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0012745
AI Projects at NASA Encompass Processing for Shuttle, Station
Edward H. Kolcum
Aviation Week & Space Technology, Vol. 124, No. 12, Pg 86
March 24, 1986
JOURNAL CODE: AW
ISSN: 0005-2175
WORD COUNT: 1,666

TEXT:

Bode Akintola   EIC 3600   16-Nov-05

... add to them and come up with some kind of computer that could very easily **check** **out** these black boxes," John R. Jamieson, LES project manager, said. "That gets it off-line...

... with in the quiet environment of the laboratory with nobody upset because we're not **talking** about controlling launch hardware. We used that freedom to go off and explore some new...

...out a black box or the entire shuttle. Kate is the first attempt to use **AI** to control hardware. In LES we just monitor."

NASA intends to use as much AI...

9/3,K/19 **(Item 1 from file: 813)**
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0980355 PGF009
CARNEGIE MELLON PROFESSOR INTRODUCES PELUSI SALONS TO CYBERSPACE CONSUMER MARKETING

DATE: August 2, 1996 16:31 EDT WORD COUNT: 144

...formula
for oily or dry hair. Unlike most Web sites, Flor's program has special **artificial intelligence** built in. Philip Pelusi also will **talk** about his plans for placing computer **kiosks** in all his 10 locations, including nine salons.

WHEN: 11:30 a.m., Wednesday, Aug...